

19980127.qrp v00_n983.qrs.980127

Date: Tue, 27 Jan 1998 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 983

QRP-L Digest 983

Topics covered in this issue include:

- 1) [1993] AZ ScQRPion Ugly Project Contest!
by Joe Gervais <vole@primenet.com>
- 2) [1994] CQC Swap List
by "Marshall Emm" <mgemm@mtechnologies.com>
- 3) [1995] Possible interference help?
by "Ron Polityka" <wb3aal@talon.net>
- 4) [1996] Conductive grease
by Rick McNelly <72507.235@compuserve.com>
- 5) [1997] Re: Oh No! Touch-Lamps! HELP!
by "Ray Lowe" <wd5dhk@hotmail.com>
- 6) [1998] Re: Conductive grease
by "Mike Martin" <mmartin@internetni.com>
- 7) [1999] 555 timer
by Phil <k6ls@prolynx.com>
- 8) [2000] SLV Question?
by lenriquez@pacific.simoco.com (Luke Enriquez)
- 9) [2001] NF3I/4, Jan 27/28
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 10) [2002] Re: Elmering project
by "Wayne Barnhart" <wb7whi@triax.com>
- 11) [2003] SG 2020
by "C.D. Rakes" <cdrakes@ipa.net>
- 12) [2004] 38 Special
by Bill Risch <brisch@mn.uswest.net>
- 13) [2005] WB4EXW in CA next Week
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
- 14) [2006] CQC Banquet Photos
by "Marshall Emm" <mgemm@mtechnologies.com>
- 15) [2007] Getting Web Pages as e-mail
by ki7mn@dancris.com
- 16) [2008] Heath Green Again
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 17) [2009] Part 2: Oh No! Touch-Lamps!
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 18) [2010] HR6\KA20IG WILL BE 30 METER QRP 13 TO 26 FEB
by km@PACT.ORG.PE ()
- 19) [2011] Touch lamps etc.

- by Jade Account <jadepro@jadeprod.com>
- 20) [2012] Need info on Radio Shack Parts
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 21) [2013] WY for QRP/WAS 1/27/98
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 22) [2014] SPRAT Reprints on the way
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 23) [2015] Re: Touch lamps etc.
by Sam <kc5tja@animeonline.ml.org>
- 24) [2016] AL7FS Update - not all is bad. (long)
by "Larsen, Jim" <JLarsen@alascom.att.com>
- 25) [2017] HP412A -- who bought one and needs a manual?
by Adrian Weiss <aweiss@sunflowr.usd.edu>
- 26) [2018] F.S. Measurements as Index
by Adrian Weiss <aweiss@sunflowr.usd.edu>
- 27) [2019] DX !
by ROYGREGSON <ROYGREGSON@aol.com>
- 28) [2020] OHR KIT
by RangerSF5 <RangerSF5@aol.com>
- 29) [2021] Re: Elmer Thread
by "Dan L. Evans" <dlevans@hsonline.net>
- 30) [2022] heat shrink
by Phil <k6ls@prolynx.com>
- 31) [2023] Knightlites SMiTe: more test results
by W7LS <w7ls@blarg.net>
- 32) [2024] elmer project
by talljazz@teleport.com (Dan Presley)
- 33) [2025] time to get out the check book.....
by Phil <k6ls@prolynx.com>
- 34) [2026] Re: Mac's, Slow DOS, & CIRCAD
by Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>
- 35) [2027] Hotel rooms and windows
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 36) [2028] Re: OHR KIT
by Johnny Knight <kf4nj@gte.net>
- 37) [2029] Re: 38 Special
by "Dave Rowe" <elim@ime.net>
- 38) [2030] QRP/HF rigs, 2/440 HT, 2m allmode amp, COM-3, scanners, more
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 39) [2031] Re: OHR KIT
by "Don McKechnie" <donmck@erinet.com>
- 40) [2032] Re: OHR KIT
by Jess Gypin <jessqrp@concentric.net>
- 41) [2033] Re: heat shrink
by Leon Heller <leon@lfheller.demon.co.uk>
- 42) [2034] Re: OHR KIT
by "Dave Rowe" <elim@ime.net>
- 43) [2035] Wis Fox coming - January 30, 01:00 - 3:00UTC

by Bcieslak@ra.rockwell.com
44) [2036] QRP KITS
by ckrelic@usaor.net
45) [2037] Re: Wis Fox coming - January 30, 01:00 - 3:00UTC
by Roger Hightower <n7kt@earthlink.net>
46) [2038] Sell for QRP rig funds
by Chuck Carpenter <w5usj@webwide.net>
47) [2039] Re: OHR KIT
by RangerSF5 <RangerSF5@aol.com>
48) [2040] Re: HP412A -- who bought one and needs a manual?
by k6hcyj@juno.com (Marv Fagenson)
49) [2041] ICOM repair
by bcutter@teal.csn.net (Bob Cutter)
50) [2042] Re: Wis Fox coming - January 30, 01:00 - 3:00UTC
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
51) [2043] Re: Getting Web Pages as e-mail
by n7mfb@juno.com (Bill Todd)
52) [2044] Re: time to get out the check book.....
by Monte Stark <ku7y@sage.dri.edu>
53) [2045] RE: Tower Web Site -- Check It Out!
by "Bob Follett" <bfollett@ditell.com>
54) [2046] Re: Knightlites SMiTe: more test results
by "Ron Smith" <resmith@primenet.com>
55) [2047] Wis FOX Correction
by Bcieslak@ra.rockwell.com
56) [2048] RE: OHR KIT
by n4js@pobox.com
57) [2049] RE:Oh No! Touch-Lamps! HELP!
by Patrick Franzis <franzis@esun19.gdc.com>
58) [2050] source for straight keys
by eakwik@mail.hac.com
59) [2051] Re: Getting Web Pages as e-mail
by Bob Hightower <ki7mn@dancris.com>
60) [2052] SMiTe Particulars
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
61) [2053] Re: OHR KIT
by "Ron Smith" <resmith@primenet.com>
62) [2054] Re: FS:QRP Tuner
by ckrelic@usaor.net
63) [2055]
by <rflight@VNET.IBM.COM>
64) [2056] OHR and the joy of building
by PDouglas12 <PDouglas12@aol.com>
65) [2057] Re: SMiTe Particulars
by "Ron Smith" <resmith@primenet.com>
66) [2058]
by <rflight@VNET.IBM.COM>
67) [2059] Re: source for straight keys

by "Kevin F. Glynn" <kfglynn@prodigy.net>
68) [2060] AE DX Handy Sold
by Chuck Carpenter <w5usj@webwide.net>
69) [2061] Re: time to get out the check book.....
by "Michael A. Gipe" <mgipe@reliablemeters.com>
70) [2062] Re: OHR KIT
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
71) [2063] QRP Tuner
by "Juan A. Bertolin" <jbertolino@nexo.es>
72) [2064] Re: source for straight keys
by Roger Hightower <n7kt@earthlink.net>
73) [2065] Re: source for straight keys
by Sam <kc5tja@animeonline.ml.org>
74) [2066] FS Benchner and SPEED-X Straight Key
by Barry Keating <Barry.P.Keating.1@nd.edu>
75) [2067] grid squares in FYBO and QRPToTheField
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
76) [2068] BUILD this receiver...Part 2
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
77) [2069] Re: time to get out the check book.....
by Roger Hightower <n7kt@earthlink.net>
78) [2070] Re: FS SPEED-X Straight Key comment
by Ed Tanton <n4xy@bellsouth.net>
79) [2071] Re: source for straight keys
by Monte Stark <ku7y@sage.dri.edu>
80) [2072] RE: inexpensive straight key
by ka7you@juno.com
81) [2073] Re: source for straight keys
by Sam <kc5tja@animeonline.ml.org>
82) [2074] Value of Cosair I?
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
83) [2075] Books purchased today from ARRL!
by KB9RPD <KB9RPD@aol.com>
84) [2076] FS;Autek QF-1 Audio Filtre
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
85) [2077] Re: OHR KIT
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
86) [2078] Chrome base for the Norcal Paddles
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
87) [2079] BUILD this receiver...Part 2
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
88) [2080] Re: Knightlites SMiTe: more test results
by W7LS <w7ls@blarg.net>
89) [2081] Re: source for straight keys
by "Dave Rowe" <elim@ime.net>
90) [2082] Re: source for straight keys
by "Dave Rowe" <elim@ime.net>
91) [2083] Re: QRP Tuner

by "Dave Rowe" <elim@ime.net>
92) [2084] 6V NE4040
by Steven Weber <kd1jv@moose.ncia.net>
93) [2085] Cheap Straight Keys
by "CHARLES LESKIE" <CLESKIE@um-f1.umd.umich.edu>
94) [2086] Re: source for straight keys
by Bob Hirsch <bobh@p3.net>
95) [2087] FYBO and TR Log
by Chris Cartwright <ccart@dns.vidtel.com>
96) [2088] Have RS1380 Info, still need RS1378 Info
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
97) [2089] OHR 1--A
by "C.D. Rakes" <cdrakes@ipa.net>
98) [2090] Re: source for straight keys
by Ed Loranger <we6w@qsl.net>
99) [2091] Re[2]: source for straight keys
by eakwik@mail.hac.com
100) [2092] circad demo prgm
by jim <kw3u@warwick.net>
101) [2093] GUSHER ANTENNA
by chefsaul@juno.com
102) [2094] Re: source for straight keys
by William Wyatt <wbw95k@timon.acu.edu>
103) [2095] WY on 10.106--Doug K7YD
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
104) [2096] Re: Cheap Straight Keys
by adams@chuck.dallas.sgi.com (Chuck Adams)
105) [2097] Re: source for straight keys
by Ed Manuel <n5em@flash.net>
106) [2098] Elmer project update
by Michael Maiorana <mikemo@ibm.net>
107) [2099] Re: source for straight keys
by Ed Loranger <we6w@qsl.net>
108) [2100] W2MBY Needs WY
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
109) [2101] Re: source for straight keys
by Sam <kc5tja@animeonline.ml.org>
110) [2102] MFJ Straight Key
by Bill Jones <kd7s@psnw.com>
111) [2103] Re: Kits & parts & instructions & blather blather blather &
by nilsbull@juno.com (Nils R Young)
112) [2104] Central States VHF Soc Proceedings on Internet?
by Stephen John Farthing <stephen@stevef.demon.co.uk>
113) [2105] Re: OHR Kits
by SABorns <SABorns@aol.com>
114) [2106] Elmer Thread.... Suggestion
by Ed Loranger <we6w@qsl.net>
115) [2107] Re: Elmer Thread.... Suggestion

by Tim Pettibone <tpettibo@NMSU.Edu>
116) [2108] OHR Kits
by John Sullivan <sullivjd@sound.net>
117) [2109] OHR 100 Kit
by "Alyn Backe" <ve6bpr@cnnnet.com>
118) [2110] Re: OHR KIT
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@res.raytheon.com>
119) [2111] More Bazooka Antenna Tests.
by Ed Loranger <we6w@qsl.net>
120) [2112] Ten-Tec 1056 Direct Conversion Receiver
by "Alyn Backe" <ve6bpr@cnnnet.com>
121) [2113] Norcal Paddle
by SSmith9831@aol.com

Date: Mon, 26 Jan 1998 17:03:38 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [1993] AZ ScQRPion Ugly Project Contest!
Message-ID: <199801270003.RAA07912@usr09.primenet.com>

Hear Ye, Hear Ye! The AZ ScQRPions proudly announce the first annual running of the Ugly Project Contest! The big event will be held at the Ft. Tuthill Hamfest (in Flagstaff, AZ, end of July).

Yes at long last, those of you who can't keep the turns quite even on your toroids, those who can't seem to keep their greasy fingerprints off the labeling, those who bring new meaning to the phrase "dead bug construction", this is YOUR hour!

The rules are simple:

- 0) It must be something you built.
- 1) It must be a rig or station accessory.
- 2) It must **work** for its intended purpose.

Judging will be even more simple. The winner(s) will be selected based on the amount of horror, revulsion, and exclamations of "Ye gods, what IS that thing?!" elicited from the judging panel.

So dust off that first receiver you ever built! Bring in the projects you'll be building from the AZ ScQRPions' HB Elmer program! Bring your projects and a smile, 'cuz

it's gonna be more fun than mere mortals were ever meant to have!

The AZ ScQRPions' Ugly Project Contest - Because beauty is only skin(-effect) deep....

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when your feet are warm."
- Dave Rose, Fellow Snowcamper

Date: Mon, 26 Jan 1998 17:12:36 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: cqclist@lists.csn.net, qrp-l@Lehigh.EDU
Subject: [1994] CQC Swap List
Message-ID: <199801270011.RAA31974@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The CQC Swaplist has been updated. Check it out on the web: <http://www.mtechnologies.com/cqc>

Or email me to be put on the email distribution list.

73

Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382

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Date: Mon, 26 Jan 1998 19:18:45 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [1995] Possible interference help?
Message-ID: <01bd2ab9\$219a0420\$6a5445c6@default>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

When I made my radio room I had everything all planned out to use the space the best possible way. I made one major mistake that I still can't believe! My radio room is on the third floor, 13' x 13' with a old closet that I converted into a book case. I even have a seperate table for a work bench. Great so far. Well I was explaining something to the Xyl last night and I realized that the back of my station is right at the service head for the electric company. Now I turn up the power from time to time for my DXCC hunting to 100w. I don't have any interference but I do have more QRN than some of the fellow hams in the area.

My question is do you think I should relocate the staion to the other side of the room?

I am looking for any advice, because this will mean knocking out some drywall to relocate dedicated electrical lines, phone lines and the coax to all the antennas.

I would like to thank anyone now for any advice that you have.

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309

Date: Mon, 26 Jan 1998 19:44:15 -0500
From: Rick McNelly <72507.235@compuserve.com>
To: qrp-l@Lehigh.EDU
Subject: [1996] Conductive grease
Message-ID: <199801261947_MC2-30C6-82A7@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

<Can someone suggest a mail order source for a small quantity of low voltage dc conductive grease? I don't see it in Tech America catalog.

Is this stuff affected by temperature, FYBO?

72, Bob KI0G>

A model railroader friend says that hobby stores sell a product called "Rail zip Conductive lubricant" in small quantities.

I don't know if this is grease or not. They use it on track connections. I may get some for the NorCal paddles.

72/73's,

--Rick, KE4IZH

Chesapeake, Va.

Date: Mon, 26 Jan 1998 16:52:51 PST
From: "Ray Lowe" <wd5dhk@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [1997] Re: Oh No! Touch-Lamps! HELP!
Message-ID: <19980127005251.8567.qmail@hotmail.com>
Content-Type: text/plain

Instead of shooting the lamp, it is a good time to practice with the sling shot> that way you can get ready to put up antennas
72 Ray

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 26 Jan 1998 18:55:32 -0600

From: "Mike Martin" <mmartin@internetni.com>
To: <72507.235@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [1998] Re: Conductive grease
Message-ID: <002b01bd2abe\$482cf2a0\$7e9de3cf@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What about the gunk that Butternut sells, "Butter it's Not"? Or is that an anti-oxide compound?

-----Original Message-----

From: Rick McNelly <72507.235@compuserve.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, January 26, 1998 7:51 PM
Subject: Conductive grease

><Can someone suggest a mail order source for a small quantity of low voltage
>dc conductive grease? I don't see it in Tech America catalog.
>
>Is this stuff affected by temperature, FYBO?
>
>72, Bob KI0G>
>
>
>
> A model railroader friend says that hobby stores sell a product called
"Rail
>zip Conductive lubricant" in small quantities.
> I don't know if this is grease or not. They use it on track connections. I
may
>get some for the NorCal paddles.
>
>72/73's,
>
>--Rick, KE4IZH
>
>Chesapeake, Va.
>
>
>
>

Date: Mon, 26 Jan 1998 18:29:06 -0700
From: Phil <k6ls@prolynx.com>
To: vhf@w6yx.stanford.edu, qrp-1@Lehigh.EDU
Subject: [1999] 555 timer
Message-ID: <34CD3862.356E13BE@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Was out surfin' and found this neat little site that has some neat info on the 555 timer ic. There is also a neat little designing program located there too.

check it out at: <http://www.74.co.uk/lizard/555/>

--
73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
<http://www.qsl.net/k6ls>
<http://www.prolynx.com/k6ls>
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Tue, 27 Jan 1998 12:40:01 +1000
From: lenriquez@pacific.simoco.com (Luke Enriquez)
To: qrp-1@Lehigh.EDU
Subject: [2000] SLV Question?
Message-ID: <00007CE7.4068@pacific.simoco.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

G'day,

How on earth do you fit 56 feet of 300 ohm ribbon cable on a four foot section? The ribbon cable does not seem to overlap easily, if thats what your expected to do. Any ideas?

Regards,
Luke
VK3EM

Date: Mon, 26 Jan 1998 21:44:30 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: eax@w3eax.umd.edu, qrp-l <qrp-l@Lehigh.EDU>, Laurel ARC <larc-l@webtrek.com>
Subject: [2001] NF3I/4, Jan 27/28
Message-ID: <Pine.LNX.3.95.980126213742.8386C-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Trapped in Orlando at a conference through Wednesday afternoon.

It's only 71 degrees; they say it's "cool."

Oh yeah, I've got a TAC-1 for 40m and a whip, but the windows don't open and I don't seem to be hearing much in the room...inside a metal building.

Oh well, at least it's 30 degrees warmer than it is at home.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 26 Jan 1998 17:50:52 -0800
From: "Wayne Barnhart" <wb7whi@triax.com>
To: <ve7ldh@direct.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [2002] Re: Elmering project
Message-ID: <199801270145.RAA03621@smtp.triax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I mostly agree with what Laura is saying but having recently completing a second bachelors degree and this one in electronics there are a number of things - little things that are often left out. I don't remember any discussion on Z matching between transistors. Often components are placed

on a schematic that have nothing to do with the content of why the schematic is illustrated but are necessary to the schematics completion. Therefore there is no discourse as to why they were selected. Why this type of capacitor and not another.

I suggested that we have a discussion like this last year but it didnt go very far, although I have to admit when I posted a question it was always answered completely. Which explains why I hung there through all the other topics that are generated and which I have no interest in. This is ok as the delete key works well :) Instead, I found Paul Harden's data book refreshing in that the "little" things were discussed. That is why I would support the program that has been suggested.

Also, I don't know if you are aware or not the textbooks you are talking about would require most people to take out a loan on their house.

>
> If people want 100-level EE knowledge, why not consult a local
> college or university and take the relevant courses? See
> what textbooks they use and buy and use your own copies if
> you want.
>
> At one time, it was agreed that the way to learn something new
> was to hit the books and study. This no longer appears to be the
>
> ...laura, not wishing to rain on anybody's parade, but feeling
> constrained by reality, and feeling rejected by pronoun usage

Date: Mon, 26 Jan 1998 20:03:40 -0600
From: "C.D. Rakes" <cdrakes@ipa.net>
To: <qrp-l@Lehigh.EDU>
Subject: [2003] SG 2020
Message-ID: <199801270157.TAA22444@thunder.ipa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I'm now un-confused about the 2020. Thanks for the clarification. You are all a great bunch of QRPer. I really glad that I found this piece of the internet. KI5AZ

Date: Mon, 26 Jan 1998 20:10:07 -0600 (CST)
From: Bill Risch <brisch@mn.uswest.net>

To: qrp-1@Lehigh.EDU
Subject: [2004] 38 Special
Message-ID: <1.5.4.16.19980126200109.1f9758ae@mail.mn.uswest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Trying to get a 38 special running. First question, has
30 mtrs been especially bad lately? Trying to use an off
the air signal and can't hear anything.
I am using a signal generator and a scope trying to trace a
signal through the rcvr chain. If I set the generator to
greater than 1000microvolts I get some signal but the 38 is
stone deaf off the antenna.
I have incorporated the suggested mods in QRPP so I am not
working with a strictly stock 38 special.
Any thoughts?
Bill K0QK

Date: Mon, 26 Jan 1998 21:27:57 -0500
From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
To: qrp-1@Lehigh.EDU
Subject: [2005] WB4EXW in CA next Week
Message-ID: <05256599.000CDC8B.00@dpcmail.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

I'll be in Pasadena, CA next week for the '98 Measurement Science
Conference and National Conference of Standards Laboratories meetings. Will
arrive the afternoon of Monday, 2/2, and be leaving early Sunday, 2/8.

If any of you will be there or any locals want to chit-chat, lemme know and
we'll try to get together. Should have the laptop with me. Will be staying
at the Holiday Inn - Pasadena. Will have 2m FM HT (repeater suggestions?)
most likely but no HF gear this time. Need small rig!

Chow! (southern for something to eat!)

Watson/WB4EXW

Date: Mon, 26 Jan 1998 19:58:01 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: cqclist@lists.csn.net, qrp-1@Lehigh.EDU
Subject: [2006] CQC Banquet Photos
Message-ID: <199801270257.TAA02345@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The photos from the CQC Banquet have been "developed" and for those of you with access to the world wide web can be seen in the CQC Photo Gallery at <http://www.mtechnologies.com/cqc>.

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>
(303)752-3382
--

Date: Mon, 26 Jan 1998 20:11:45 -0700 (MST)
From: ki7mn@dancris.com
To: qrp-1@Lehigh.EDU
Subject: [2007] Getting Web Pages as e-mail
Message-ID: <199801270311.UAA01161@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to Ed Loranger for pointing me to the right page.

If you don't have web access, but want to see what's on a particular page, you can send a message to:

w3gate@gmd.de

with no subject, and, in the body, simply put get <URL>, such as

get <http://www.dancris.com/~ki7mn/olinks.htm>

This will get you the page, with tags, as it appears on the web.

BE SURE TO DISABLE ANY SIGNATURE LINE BEFORE YOU SEND THE MESSAGE...IT DOESN'T LIKE THEM.

When you get your response, save the reply to a file in the directory of your choice.

If you have a copy of a browser, such as Netscape, open it, and click on the 'open' button. Enter the full path to the file you saved, and it will appear just as it does on the 'net.

Should you want to retrieve a large file, and have some sort of size restriction on your e-mail, add the -uu comand right after the get command, such as 'get -uu', and you'll get a uuencoded file. I don't know what the file size comparison it, but it may be small enough. You can download UUDECODE from the w3gate page if you don't have it.

If you want to see the page as a plain file, with no tags, use the -t command after the get, such as 'get -t', and all tags will be stripped off.

You'll have to play with this a bit, and I don't know how it handles graphics such as schematics, etc, but it's worth spending some time with, if you are going to do the ELMER bit. Might work out ok.

72,73

Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30
<http://www.dancris.com/~ki7mn>

Date: Tue, 27 Jan 1998 03:33:43 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [2008] Heath Green Again
Message-ID: <3.0.16.19980127024519.114f3c26@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

During a break from work today, I took a walk down the plaza to the local "Big Lots" discount/clearance store. They just received a truck load of Rustoleum spray paint... damaged goods I guess.

Anyway, there was plenty of American Accents Heritage Teal # 7929 - Heathkit HW-8 Green... a whole case, in fact. \$1.39 a can.

Bargain hunter that I am, I bought a case. Now I have a reason to buy a dozen more NorCal paddles and HW-8's, right?

Thanks to Mike (sri your call escapes me right now) and the copy of the HD-1410 manual he sent me, I got 3 1410's working in one evening. Thanks Mike!

Looks like they could all use a fresh coat of paint.

...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Mon, 26 Jan 1998 22:48:49
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [2009] Part 2: Oh No! Touch-Lamps!
Message-ID: <3.0.3.16.19980126224849.3c374b98@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Great God of Ham Radio has waved his hand over my shack. The wife has agreed to return the lamps to the store. I had her read the replies and the two about the lamps being "fire hazards" really got her. She also realized just how these lamps would ruin my "radio play time". She is the best and I think that I will keep her.

Results of my request for help:

Seven of you recommended destroying or sabotaging the lamps. Professing that there was just no hope for these nasty creations. Using the lamps for target practice was mentioned several times as a means to get rid of them. Also it was strongly suggested that you do not put them out for garbage collection without rendering them useless because one of your neighbors might find them and put them into service in their homes.

One brave soul recommended (as a last resort) offering jewelry in trade for the lamps.

Two people suggested the resistor and choke in the sensor line as well as a ferrite core for the lamp cord.

Two people talked about the fire hazard angle. (Best approach).

Thanks for the help and laughs. My problem is solved. Guys...do yourselves a favor....tell the wife right now....never buy one of the lamps.

WHAT A NOISE GENERATOR.

Thanks gang.

Gary

=====
72/73 de W2UX
Gary McCaughey
Lexington, SC
CW is the REAL THING!
Use it....or lose it.
QRP-ARCI QRP-L CQC
=====

Date: Mon, 26 Jan 1998 22:47:14
From: km@PACT.ORG.PE ()
To: qrp-1@Lehigh.EDU
Subject: [2010] HR6\KA20IG WILL BE 30 METER QRP 13 TO 26 FEB
Message-ID: <m0xx2D9-0015qdC@uucrcp1.rcp.net.pe>

GREETINGS

I'LL BE QRP-DITION ON MORGAN'S CAY, BAY ISLANDS OF HONDURAS

IOTA NUMBER UNKNOWN ! ANY SUGGESTIONS ?

13 FEB THROUGH 26 FEB 1998

LOWER PART OF 30 METERS ONLY 4 WATTS INTO A DIPOLE SOLAR POWER

QSL VIA MY USA CALL KA20IG

LISTEN FOR HR6\KA20IG

72,

KRIS

OA4DB0 (Where resonance is a way of life.)

Date: Mon, 26 Jan 98 23:03:10 PST
From: Jade Account <jadepro@jadeprod.com>
To: qrp-1@Lehigh.EDU
Subject: [2011] Touch lamps etc.
Message-ID: <Chameleon.980126230613.jadepro@jadepro.jadeprod.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gee, I don't think that touch-lamps have been much of a problem in Northern New England, New York, or Southeastern Canada for the last few weeks. Astronomy was great too, no ambient light to contend with, but one needs to use batteries for the rig.

Haven't heard much from the folks north of us (from an amateur radio point of view)? Must be some interesting war stories?

72

Dennis, K1YPP

Jane Blanchard, KA1FUN, President -- Dennis Blanchard, K1YPP, Chief Engineer

Jade	Phone:	603-329-6995 (Telephone hours 4 to 10 PM EST)
Products,	FAX:	603-329-4499
Inc.	Orders:	800-523-3776
	e-mail:	jadepro@jadeprod.com

US Mail: Jade Products, Inc
PO Box 368
East Hampstead, NH 03826-0368

See our Web Page: <http://www.jadeprod.com/>

Date: Mon, 26 Jan 1998 20:13:44 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-l@Lehigh.EDU
Subject: [2012] Need info on Radio Shack Parts
Message-ID: <3.0.1.32.19980126201344.00c3608c@dpol.k12.ca.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

We are working on the Tuna Tin series of articles, Glen Torr is bringing the Herring Aid 5 up to date with modern parts and we need to know the specs on the following parts:

Radio Shack Transformers #1378 & 1380. Anybody got a clue as to what they were? Please send me an email if you have the answer. Glen has a prototype of the rig up and working, but we do need to know the specs on the 1378 and the 1380. Bruce Muscolino is also hard at work on translating the Chopped Beef Slider VFO. When those rigs are finished I will post that the schematics and the artwork are available for those of you who want to homebrew your own boards. Has anyone else made a Tuna Tin 2 board?

As you know Gary Diana has produced a copy of the artwork of the Tuna Tin 2 and has pictures up on the web. He is an artist. I'm waiting to hear from Fred Reimers and will let you know as soon as I do. Gary is express mailing me a board as is Dave Adams, and I will have a TT2 up and running at the NorCal meeting this weekend at the California Burger. Hope to see you there.

72, Doug, KI6DS

Date: Mon, 26 Jan 1998 23:28:18 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [2013] WY for QRP/WAS 1/27/98
Message-ID: <199801262330_MC2-30CA-27F1@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Forgive this late notice--but Doug K7YD will be in *Wyoming* tomorrow operating QRP! We have a sked set up, but he is open to working anyone needing WY :-).

Here is the sked:

2000-2030Z (1400-1430CST) on 10.115/10.116.

2030-2100Z (1430-1500CST) on 7040

I will be calling him. He will be operating a mobile rig from his 4-wheel drive rig, Hopefully this will work out okay.

My setup will be TenTec Omni V to a brand new doublet at 30' fed with 300-ohm ladderline tuned with the Emtech ZM-1. Made up this antenna just for FOXhunting :-)) and it has been dynamite all evening. Hope it will be as good snagging WY tomorrow afternoon.

Again, sorry for this late notice. My young son broke his foot, so things have been upside down here ever since.

Anyway--come one, come all tomorrow afternoon. And good luck snagging the FOX later.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 ar/qrp 73 hi/qrp 30 ARCI 9398 QRP WAS 44/42
ARRL DXCC 73/44 Grid EN34 <>< FOXes 1/25/98 = 26. A 1997/98 FOX.

Omni V Corsair I Yaesu 900AT Sierra Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D Matchbox GAP Titan
TNT/2 Windom SLV/W6MMA G5RV Timewave 599zx Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Mon, 26 Jan 1998 23:28:13 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:kanga@mail.bright.net" <kanga@mail.bright.net>, QRP-L Discussion

Group <QRP-L@Lehigh.EDU>,
"Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [2014] SPRAT Reprints on the way
Message-ID: <199801262330_MC2-30CA-27EF@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Bill:

Mine all arrived FB...and what a great investment it is for me. Thanks
for doing this for all of us. This is an exceptional service to QRPers
worldwide. We are in your debt, sir.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 HI-QRP 30 ARCI 9398 ARRL
QRP WAS 44/42 DXCC 73/44 Grid EN34 <>< A 1997/98 FOX.

Omni V Corsair I Yaesu 900AT Wilderness Sierra SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D Matchbox GAP Titan
TNT/2 Windom SLV/W6MMA G5RV Timewave 599zx Auttek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Mon, 26 Jan 1998 21:53:55 -0800 (PST)
From: Sam <kc5tja@animeonline.ml.org>
To: Jade Account <jadepro@jadeprod.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2015] Re: Touch lamps etc.
Message-ID: <Pine.LNX.3.96.980126215334.17915A-1000000@animeonline.ml.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Gee, I don't think that touch-lamps have been much of a problem in Northern
> New England, New York, or Southeastern Canada for the last few weeks.
> Astronomy was great too, no ambient light to contend with, but one needs to
> use batteries for the rig.

Oh, how I envy those with truly dark skies...

=====

-| TEAM DOLPHIN |-

Chief Architect and Project Founder
(web page under construction)

PGP 5.0 Public Key Available Upon Request.

Date: Mon, 26 Jan 1998 19:54:26 -0900
From: "Larsen, Jim" <JLarsen@alascom.att.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [2016] AL7FS Update - not all is bad. (long)
Message-ID: <D8F0A14EBB6CD11189D4006097E5893A0996BF@alascomexca.alascom.att.com>
MIME-Version: 1.0
Content-Type: text/plain

Ed, Paul, David, Joe, Ron, Kent, Bob, Steve, Bob2 and Bill + Dean in person,

Thanks for the words of encouragement. I had torn down the wire and the rig and stowed it. I had essentially given up. But....Dean, N2TNN, came over to the Holiday Inn and talked enthusiastically about trying to fix the rig. He also brought his trusty ARK-40 along and loaned it to me for the week. That is above and beyond the call of QRP duty. Thanks, Dean. And the rest of you made good suggestions of some of the frustrating things, even dumb things, you all had done in the past so I took heart from your messages and dug the bag of gear out of the closet.

It is a rotten deal to have to figure out how to put up the 85 feet of wire in a tiny room. I can't open a window in this room. I am stuck. I am on the 6th floor on the end of the building, so much of the wire is on the outside wall. I checked battery voltage....not sure, but it may have been low. I check the hook-up of the wire and the small coax jumper...not sure, but I may have hooked it up wrong earlier. The antenna did tune up to 1:1 again although at a totally different setting. It was a little tough to find. But find it I did and the QRP+ power went back up to 4 watts.

So to all 11 of you friends out there and to those of you thought good thoughts at me, Thank you. I am on the air. I worked N2TNN. Let's see....5 miles at 4 watts....nope, doesn't qualify for the 1000 miles per watt. :-)

Dean says there will be a QRP get-together on Thursday night at some point half way between North Jersey and Middle Jersey. I am excited about it.

For those who asked:

I will be in New Jersey until Sunday and I am staying at the Holiday Inn in Somerset NJ at exit 10 off I-287. Phone 732-356-1700.

I will be in Atlanta from Sunday evening until Feb 7, Saturday. I will be staying at the Residence Inn at 2960 Piedmont Rd NE. Phone 404-239-0677

73,
Jim, AL7FS/3

Date: Mon, 26 Jan 1998 23:13:11 -0600 (CST)
From: Adrian Weiss <aweiss@sunflowr.usd.edu>
To: QRP-L@fidoi.cc.lehigh.EDU
Subject: [2017] HP412A -- who bought one and needs a manual?
Message-ID: <Pine.SOL.3.94.980126231202.7503D-100000@sunburst>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A couple of weeks ago someone mentioned he'd bought an HP412A VTVM for \$20 (great price if it is working)>

I just found my manual and will be happy to mail it if you want to xerox it.

Cheers, Adr W0RSP

Date: Mon, 26 Jan 1998 23:35:31 -0600 (CST)
From: Adrian Weiss <aweiss@sunflowr.usd.edu>
To: QRP-L@fidoi.cc.lehigh.EDU
Subject: [2018] F.S. Measurements as Index
Message-ID: <Pine.SOL.3.94.980126232620.7503E-100000@sunburst>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hig gang:

I've been experimenting with balanced tuners. I've been using a 6-ft high pickup wire around 20-ft long -- enough to produce more than

full-scale at relevant powers.

Very interesting. Confirms a couple of points:

1) "false" settings can be found where a perfect 1:1 SWR occurs and actual radiation is next to nothing.

2) most of the time, maximum F.S. occurs away from the 1:1 SWR setting. For example, adjusting the capacitor in the min-max direction of rotation, with the reading swinging 2, 1.8, 1.5, 1.3, 1.2 X --> 1.4 1.7 1.9 2.0 etc, the max. F.S. generally occurs after the minimum is reached and the SWR begins rising again as the capacitance is increased. Impossible to know just where without a F.S. meter. This phenomenon is mentioned frequently enough in the literature.

3) when trimming an antenna to resonance, the cut should be made, then the antenna raised into place where it will be during operation. Trimming with the antenna a couple feet off the ground gives entirely erroneous readings (of any kind -- SWR etc.).

Cheers, Ade

Date: Tue, 27 Jan 1998 01:17:39 EST
From: ROYGREGSON <ROYGREGSON@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [2019] DX !
Message-ID: <e0255a8a.34cd7c05@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

So Here it is about 06:11 UTC, and I just turned on the NW40 and on 7044.1 is Y01X calling CQ listening up talking to European stations on SSB !
Interesting....

Roy

Date: Tue, 27 Jan 1998 01:52:28 EST
From: RangerSF5 <RangerSF5@aol.com>
To: njqrp@njqrp.org, qrp-1@Lehigh.EDU

Subject: [2020] OHR KIT
Message-ID: <40f71ef3.34cd842f@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I felt the need to write this letter and let all of you know what problems I had with the OHR 40 meter kit
I first a total of 11 parts missing, 1 that cannot be found at local stores
Some resistors, the quality of the color is so poor, I went out and got my own.
The 470 ohm resistors, 4 out of six only had 2 colors on them.
As far as tech support, everytime you send OHR "E" mail, you get back "call me on the phone about this" I never received the "u105" OHR said was sent out.
Some tips, mount all the resistors first, then the coils that you wound.
Install the final and heat sink last because the spacing between the two coils with 4 legs fit into a tight spot.
The book tells you to mount the chips when your a little bit half way finished with the kit.
I can't think of a better way to try to kill an IC chip, install and keep on soldering.
What I did was mount all the common parts first, then the coils, and the final and heat sink. My chips are still not installed as I am trying to replace the "RIT" type VFO with a real vfo.
I don't mean to offend anyone who has this radio, i'm just telling it like it is.
The board is very good, and most of the resistors are well marked, the caps are of top quality but when you have to stop because parts are missing and some resistors are not marked, The Company should make good for it.
If any others have had this problem, please let me know
BOB
WA2HOQ
NJ QRP # 126
QRP-L # 1437
EPA QRP-L # 9

Date: Tue, 27 Jan 1998 02:44:26 -0500
From: "Dan L. Evans" <dlevans@hsonline.net>
To: QRP-l@Lehigh.EDU
Subject: [2021] Re: Elmer Thread
Message-ID: <3.0.1.16.19980127024426.2a1739f4@mail.hsonline.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:09 PM 1/26/98 -0500, you wrote:
> Ron Smith wrote:
>> What we have done with this requirement is stop Juno users and those with

>limited Internet access from participating.
>
>I hereby volunteer to act as a go-between for the folks without web access
>who want to get involved in this project (note: I am not volunteering to be
>the main Elmer, however). I can provide folks with UUencoded materials, but
>will also send floppies at my personal expense as necessary.
>
>73, Michael Tracy, KC1SX
>
If this gets to be too big a personal expense, I would be glad to help out
as well. Just let me know Michael if you can use some assistance...

Dan

>
>
>
Dan L. Evans [N9RLA]
72/73 from...EM78
QRP MOBILE CONTESTOR!!!
CQ_DE_dlevans@hsonline.net

Remove the cq_de_ to email me, I hate SPAM!

Date: Tue, 27 Jan 1998 00:59:23 -0700
From: Phil <k6ls@prolynx.com>
To: qrp-l@Lehigh.EDU, vhf@w6yx.stanford.edu
Subject: [2022] heat shrink
Message-ID: <34CD93DB.73C8B472@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Those in need of a 'heat gun' for use your heat shrink applications
might be interested in a little device the xyl has here for her
stamps...

It is called a Embossing Heat Tool. It doesn't have a handle like the
'gun' type but is a bit smaller and has done the job on all the
heat shrink here.

The mfg. is Marvy Uchida and you can get them at the local hobby store. They have a whole mess of them at the local Michael's store and they go for about \$20. (if your real smart and you do have a Michael's nearby, wait for that 40% off coupon in their flyer that comes with the paper every week or two....I'll let you do the math :-)

Ya cant beat it for heat shrink at that price.

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
http://www.qsl.net/k6ls
http://www.prolynx.com/k6ls
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Tue, 27 Jan 1998 00:26:41 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-l@Lehigh.EDU
Cc: ae4ic@nr.infi.net
Subject: [2023] Knightlites SMiTe: more test results
Message-ID: <34CD9A41.6585@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, again. Finally unearthed the HP141T spectrum analyzer and got a spectrum on the output of the SMiTe. For those of you not familiar with it, it is a direct conversion transceiver offered by Bob Kellogg and the crew. It is a modified PIXIE 2, made with surface mount components. It is 1 by 1.5 inches by 1/4 inch thick, total. It fits neatly underneath a 9v battery, which it is powered by.

Contact Bob for more details. He is at ae4ic@nr.infi.net

Now, for the spectral data..... ahem!.....

Fundamental frequency of 3.686 MHz gives +24 dBm
First harmonic gives -15 dBm
Second harmonic gives -11 dBm

Third harmonic gives -11 dBm

All higher harmonics fade down in strength.

Elmer break! What's a dBm? It is a way of describing signal power in decibels. Handy, when you are discussing wildly different strengths. It means "decibels, with respect to one milliwatt". Ergo, 0 dBm is one milliwatt, 3 dBm is 2 mW, 10 dBm is 10 mW, and going negative, -10 dBm is 0.1 mW, -20 dBm is .01 mW, etc, etc.

Notes: I used a 9v battery to test it. I think I get a little different number than before, when I used an oscilloscope to measure voltage on a dummy load, etc. to calculate power. May have used a different battery, too. Not sure.

The first harmonic is attenuated by -39 dB from the fundamental transmit freq. That is very good, but also somewhat irrelevant, as it is hard enough to hear a pip-squeak like this in the first place, let alone having someone be bothered by undesired harmonic radiation that is almost ten thousand times weaker.

By the way, +24 dBm is a bit more than 200 mW (Elmer break: 20dB is good for a factor of 100, and 3 dB doubles it, again. Add another dB to get 24 dBm and you are one dB above 200 mW. Hey, I can't find the calculator. It's late!)

The SMiTe also radiates during receive mode. That is a consequence of the direct conversion design that is using a minimum of parts. No complaint. It is a brilliant design, being so simple (2 transistors and one audio amp IC).

The radiated power during receive is -9 dBm (Elmer break: That would be a bit louder than -10 dBm, which is 0.1 mW). The harmonics of the radiated signal fall off quicker. The first harmonic of that receive oscillator is at -64 dBm. A bit weaker than one half of a millionth of a milliwatt. No problem, there!

Ok, someone check my math, eh?

Good job, Bob Kellog!

73 de Jim, W7LS

Date: Tue, 27 Jan 1998 00:33:25 -0800 (PST)
From: talljazz@teleport.com (Dan Presley)
To: qrp-l@Lehigh.EDU
Subject: [2024] elmer project
Message-ID: <v01530503b0f2da1a2e00@[206.163.124.50]>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I'm interested in the proposed (Doug H.) idea with the 40-40, but have one problem that maybe someone can help with. It's mentioned that Circad is a must-in my case I'm a Mac guy (no PC), and not in a position to pick one up at this time (in my business-music-Mac wins 'flatout'). Is there a "cheap" way to get around this without having to buy an expensive soft or hardware add-on? Can the Circad be viewed at the website effectively in order that I can follow along? Thanks for the help.

PS-I consider this idea an "A+" as many of us don't have a lot of spare time to comb through all the books-this will get me going!

Dan N7CQR

Date: Tue, 27 Jan 1998 02:46:39 -0700
From: Phil <k6ls@prolynx.com>
To: qrp-l@Lehigh.EDU
Subject: [2025] time to get out the check book.....
Message-ID: <34CDACFF.E6568600@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

time to get out the checkbook...or give the club treasurer a call
!!!!!!!

It is time to prepare for Field day (and any other excuse you
can think of....)

You NEED this tower:

<http://www.keyinternet.com/surplus/towers.htm>

I will let the picture and specs on the web page speak for
its self (sorry to those who don't have web access) !!!!

There are other towers and such on this site, just click on the
link to the home page.

DISCLAIMER: You visit the above site at your own risk !
It is not my fault if you spend more money
than you have ! ;-)

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
http://www.qsl.net/k6ls
http://www.prolynx.com/k6ls
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Tue, 27 Jan 1998 01:18:07 -0900 (AST)
From: Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>
To: talljazz@teleport.com
Cc: qrp-1@Lehigh.EDU
Subject: [2026] Re: Mac's, Slow DOS, & CIRCAD
Message-ID: <v03007800b0f2e1668e83@[204.119.24.143]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Dan & the Gang...

I also use a Macintosh as my primary computer... I am presently installing Real PC which is a relatively inexpensive DOS emulation program for the Macintosh Power PC's... I will post to the group my progress and let you know if this is a viable solution... Steve Hideg is the resident Mac guru on QRP-1... Perhaps he will be able to shed some more light on this subject...

On a second note regarding CIRCAD and the slower DOS machines... I noticed in a post this morning that CIRCAD should run on any DOS machine 286 or higher... I use a DOS 286 laptop for in the field use so I put my demo copy of CIRCAD on it today and gave it a test drive... It seems to perform just fine even on this slow of a machine... Perhaps when I get into more complex operations it may well slow down but for now it runs the Demo program far faster than I can follow it... I will report back on any problems I find with the 286 and CIRCAD...

Take care and have fun...

72 / 73 / oo's - Bruce - KL7JAF

Web Page: <http://www2.polarnet.com/~bhopkins>

"Alaska QRP Club" - Web Page: <http://www2.polarnet.com/~bhopkins/akqrp>

Date: Tue, 27 Jan 1998 07:18:47 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: "Larsen, Jim" <JLarsen@alascom.att.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2027] Hotel rooms and windows
Message-ID: <Pine.LNX.3.95.980127071720.11507I-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There's gotta be something illegal about these hotel rooms with windows that don't open. My AP-10 will work great when sitting ON the windowsill and sticking out toward the shy, but this is ridiculous.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

On Mon, 26 Jan 1998, Larsen, Jim wrote:

> Ed, Paul, David, Joe, Ron, Kent, Bob, Steve, Bob2 and Bill + Dean in
> person,
>
> Thanks for the words of encouragement. I had torn down the wire and the
> rig and stowed it. I had essentially given up. But....Dean, N2TNN,
> came over to the Holiday Inn and talked enthusiastically about trying to
> fix the rig. He also brought his trusty ARK-40 along and loaned it to
> me for the week. That is above and beyond the call of QRP duty.
> Thanks, Dean. And the rest of you made good suggestions of some of the
> frustrating things, even dumb things, you all had done in the past so I
> took heart from your messages and dug the bag of gear out of the closet.
>
>
> It is a rotten deal to have to figure out how to put up the 85 feet of

> wire in a tiny room. I can't open a window in this room. I am stuck.
> I am on the 6th floor on the end of the building, so much of the wire is
> on the outside wall. I checked battery voltage....not sure, but it
> may have been low. I check the hook-up of the wire and the small coax
> jumper...not sure, but I may have hooked it up wrong earlier. The
> antenna did tune up to 1:1 again although at a totally different
> setting. It was a little tough to find. But find it I did and the QRP+
> power went back up to 4 watts.
>
> So to all 11 of you friends out there and to those of you thought good
> thoughts at me, Thank you. I am on the air. I worked N2TNN. Let's
> see....5 miles at 4 watts....nope, doesn't qualify for the 1000 miles
> per watt. :-)
>
> Dean says there will be a QRP get-together on Thursday night at some
> point half way between North Jersey and Middle Jersey. I am excited
> about it.
>
> For those who asked:
>
> I will be in New Jersey until Sunday and I am staying at the Holiday Inn
> in Somerset NJ at exit 10 off I-287. Phone 732-356-1700.
>
> I will be in Atlanta from Sunday evening until Feb 7, Saturday. I will
> be staying at the Residence Inn at 2960 Piedmont Rd NE. Phone
> 404-239-0677
>
> 73,
> Jim, AL7FS/3
>

Date: Tue, 27 Jan 1998 07:03:11 -0500
From: Johnny Knight <kf4nj@gte.net>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2028] Re: OHR KIT
Message-ID: <34CDCCFF.F3BF7CFB@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't mean to belittle your efforts, but I built the OHR-100A a few months ago. I have been very pleased with its performance so far. Yes there were parts missing in mine, but There was no trouble getting

replacements from OHR, I simply e-mailed them with what was missing and they arrived in the mail in a few days. I made the mistake of not doing a complete inventory when I first began to build, so I had to bug the nice people at OHR several times. I may have gotten a different lot than the one you have and that may account for some of the differences. I was pleased with the quality of the parts and the service given me by OHR. Even after final construction, alignment and testing I had a problem with a strong birdie near the bottom of the 40 meter band. I e-mailed Dick about this, and he sent along a replacement crystal (Y106 I think) that has solved the problem.

Sometimes you have to buy parts where you can find them and as inexpensively as possible to hold cost down. Perhaps this run of resistors had a few too many corners cut on them. Sounds like they were rejects due to the poor markings, but are otherwise good units. All of mine were marked, but the bands were small, and my eyes are not what they use to be, so I was using a magnifying glass and a digital ohm meter to make sure I had the correct value. 73 de John, KF4NJ

Date: Tue, 27 Jan 1998 07:09:30 -0500
From: "Dave Rowe" <elim@ime.net>
To: <brisch@mn.uswest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [2029] Re: 38 Special
Message-ID: <003301bd2b1c\$6cb63100\$37c65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Bill Risch <brisch@mn.uswest.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, January 26, 1998 9:13 PM
Subject: 38 Special

>Trying to get a 38 special running. First question, has
>30 mtrs been especially bad lately? Trying to use an off
>the air signal and can't hear anything.
>I am using a signal generator and a scope trying to trace a
>signal through the rcvr chain. If I set the generator to
>greater than 1000microvolts I get some signal but the 38 is

>stone deaf off the antenna.
>I have incorporated the suggested mods in QRPp so I am not
>working with a strictly stock 38 special.
>Any thoughts?
>Bill K0QK
>
>
>

Hi Bill,

I've been running a new H.B. 30mtr tx at about 500 M.W. and the band I believe has been open quite well , but seems many give up on it very early in the evening. Also not many get on it if 20 and higher bands are open at all. too bad it's a Great band.. But did manage to work UT. Any Wy the other night .. any way there are several fairly strong RTTY and digital Signals around 10.107 that are usually very strong here on the East Coast so you should be able to here them if the RX is working.

good luck Hope to work you on your 38 SP1. soon.
73 Dave Kc1di

Date: Tue, 27 Jan 1998 08:10:32 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: forsale-swap@qth.net, qrp-1 <qrp-1@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-1@webtrek.com>, VHF Mailing list <vhf@w6yx.stanford.edu>
Subject: [2030] QRP/HF rigs, 2/440 HT, 2m allmode amp, COM-3, scanners, more
Message-ID: <Pine.LNX.3.95.980127080337.11883A-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Offers considered - Listing as of January 27, 1998

Ramsey COM-3 Svc. monitor - general coverage
from 0-1000 MHz, AM/FM. Receive monitor, signal
generator, 1 kHz or external modulation, FM
center freq. and deviation, freq. counter,
optional digital pager functions, optional
.5 ppm timebase. Calibrated in 1997; w/manual,
carrying handle, new NiCd battery, and protective

cover. \$2500 (\$4k new).

MOBILE/PORTABLE ANT

Spider antenna, excellent shape. Sells for \$275.
Simultaneously covers one of 30, 40, and 80m
plus three of 20, 17, 15, 12, and 10m.
Aluminum mast, fits on standard 3/8-24 mount,
asking \$175. Easy to tune.

HF/QRP

Ten-Tec Scout 555 with 7 modules, 11A power supply,
noise blanker. 50w out, very easy to use.
Excellent condition, \$700 for complete package.
Includes hand mic, will part out. 10/15/17/20/30/40/80m.

Heath SB-1400 with speaker/power supply
(heavy-duty). Clone of Yaesu FT-747GX.
CW filter, attenuator, hand mic, LCD display,
20(?) memories, two VFOs, very easy to use.
General coverage receive (xmit too, I think).
Includes optional FM board. \$625 for all.
All in excellent condition.

Icom IC-737, triple conversion receiver. 100w,
QRPable from front panel, LCD display, 2
antenna jacks, auto-tuner, direct freq. entry,
many other niceties like general coverage
0.1 - 30 MHz. Manual, box, and hand mic, \$737.
Near-mint condition.

A&A Engineering 20m QRP rig, minus some ICs.
Excellent condition with manual. \$70.

S&S Engineering ARK 20 QRP rig. 20m, with
electronic keyer, audio filter, built-in speaker,
5w output. Very rugged. Manual included,
Pushbutton tuning controls - a little strange
but virtually zero projections to bump...
With combination tilt-bail/carrying handle.
VG cond, a few nicks, as if it matters with
that serious aluminum case :)
Includes custom variable-power output mod. \$225.

MFJ-9420 20m SSB radio. Excellent condition, with
manual. 12w PEP. \$175. Also have CW adaptor for said
radio, \$30 or \$25 with radio. Comes with Radio

Shack hand mic. Built-in speaker.

S&S Engineering TAC-1 for 40m. Digital, knob-tuned.
Has built-in keyer. Rugged steel case. Mint cond.
\$195 complete, with manual.

Accessories

Tram-Diamond computing dual wattmeter. Has remote
sensor as well as backlighted display. \$100.

2m amplifier

TPL 2m 80w allmode amp. Excellent condition, with
manual. 18w input gives 80w output. \$100.

Motorola 2m amp, good for FM only at about 65 watts.
Rugged. Excellent condition, asking \$75.

Handheld FM radios

Excellent condition Yaesu FT-470 2m/440 MHz HT.
5w out with proper battery. Works great, have manual.
Two receivers, no dual-in-band receive. \$240.

Scanners - base and handheld

Radio Shack Pro-2039 desktop scanner. New condition
in original box w/manual. 200 channels, public
service/amateur/etc. Cell-blocked. Hyperscan.
\$249 new, asking \$160.

Radio Shack Pro-2046 mobile scanner. Like new condition
in original box w/manual. 100 channels, cell-blocked,
etc. \$230 new, asking \$150.

Radio Shack Pro-51 handheld scanner. New condition,
200 channels, 800 MHz, with box, manual, rubber
duckie antenna. \$299 new once, asking \$175.

Radio Shack Pro-50 handheld scanner, 50 channels.
Good condition, no manual, VHF/UHF but no 800 MHz.
Works well, \$65.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *

*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Tue, 27 Jan 1998 08:20:17 -0400
From: "Don McKechnie" <donmck@erinet.com>
To: qrp-1@Lehigh.EDU
Subject: [2031] Re: OHR KIT
Message-ID: <199801271330.IAA20278@erinet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Date: Tue, 27 Jan 1998 01:52:28 EST
> Reply-to: RangerSF5@aol.com
> From: RangerSF5 <RangerSF5@aol.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: OHR KIT
> X-To: njqrp@njqrp.org, qrp-1@Lehigh.EDU

I have built 2 OHR100As. There was indeed a part missing in one of them, the heat sink. It was sent immediately on request. Most of the points made below have to do with individual building techniques. For example, I am color blind so I measured each resistor. And, I changed some of the order of installing parts. I have found each rig to provide excellent receiving and transmitting resulting in good DX and states gathering. These kits were the first attempt at building anything for over 40 years. My interest in OHR is as a purchaser and a user.

73s, W8IZZ, Don

> I felt the need to write this letter and let all of you know what problems I
> had with the OHR 40 meter kit
> 1 first a total of 11 parts missing, 1 that cannot be found at local stores
> Some resistors, the quality of the color is so poor, I went out and got my own.
> The 470 ohm resistors, 4 out of six only had 2 colors on them.
> As far as tech support, everytime you send OHR "E" mail, you get back "call me on
> the phone about this" I never received the "u105" OHR said was sent out.
> Some tips, mount all the resistors first, then the coils that you wound.
> Install the final and heat sink last because the spacing between the two
> coils with 4 legs fit into a tight spot.
> The book tells you to mount the chips when your a little bit half way finished
> with the kit.

> I can't think of a better way to try to kill an IC chip,install and keep on
> soldering.
> What I did was mount all the common parts first,then the coils,and the final
> and heat sink.My chips are still not installed as I am trying to replace the
> "RIT"type VFO with a real vfo.
> I don't mean to offend anyone who has this radio,i'm just telling it like it
> is.
> The board is very good,and most of the resistors are well marked,the caps are
> of top quality but when you have to stop because parts are missing and some
> resistors are not marked,The Company should make good for it.
> If any others have had this problem,please let me know
> BOB
> WA2HOQ
> NJ QRP # 126
> QRP-L # 1437
> EPA QRP-L # 9
>
>
>

Date: Tue, 27 Jan 1998 06:25:06 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: RangerSF5@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [2032] Re: OHR KIT
Message-ID: <34CDE032.2EBB@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

RangerSF5 wrote:

> I felt the need to write this leter and let all of you know what problems I
> had with theOHR 40 meter kit
but when you have to stop because parts are missing and some
> resistors are not marked,The Company should make good for it.
> If any others have had this problem,please let me know
> BOB
> WA2HOQ
> NJ QRP # 126
> QRP-L # 1437
> EPA QRP-L # 9

I am sorry to hear that you had problems. I have done business with Dick
several time and have had nothing but great success. I have built 3 of
his kits and all of them have been top notch. The parts have been high
quality and all of them there. I think that if you did call him that he

would bend over backwards to make the kit right for you. AS far as how he suggests building the kit, there will always be opinions, but he is usually right on about how to do it. There have been several times that I have gotten help from him free of charge when I did not ask for it nor deserve it. He runs a first class business and so are his kits. Like I said, I am sure that if you would bother to call him that he would go out of his way to make it right for you. Good luck!

Best

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp>

qrp-1 #1232 CQC #92 1997 Fox

Date: Tue, 27 Jan 1998 12:17:30 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: k6ls@prolynx.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2033] Re: heat shrink
Message-ID: <SIEgUAAaBdz0EwC4@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <34CD93DB.73C8B472@prolynx.com>, Phil <k6ls@prolynx.com> writes

>Those in need of a 'heat gun' for use your heat shrink applications
>might be interested in a little device the xyl has here for her
>stamps...

[deleted]

I use a soldering iron held close to the connection. It probably takes longer, though.

73, Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Tue, 27 Jan 1998 09:07:10 -0500
From: "Dave Rowe" <elim@ime.net>

To: <donmck@erinet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [2034] Re: OHR KIT
Message-ID: <001b01bd2b2c\$dcf76c80\$0bc65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Have to agree with Don, I've built several OHR Kits all have worked first time and only 1 missing part in all these kits..
OHR service first rate as far as I'm Concerned here.
Great rigs , and equipment- at fair price
73 dave kc1di

-----Original Message-----

From: Don McKechnie <donmck@erinet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, January 27, 1998 8:23 AM
Subject: Re: OHR KIT

> Date: Tue, 27 Jan 1998 01:52:28 EST
> Reply-to: RangerSF5@aol.com
> From: RangerSF5 <RangerSF5@aol.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: OHR KIT
> X-To: njqrp@njqrp.org, qrp-1@Lehigh.EDU

I have built 2 OHR100As. There was indeed a part missing in one of them, the heat sink. It was sent immediately on request. Most of the points made below have to do with individual building techniques. For example, I am color blind so I measured each resistor. And, I changed some of the order of installing parts. I have found each rig to provide excellent receiving and transmitting resulting in good DX and states gathering. These kits were the first attempt at building anything for over 40 years. My interest in OHR is as a purchaser and a user.

73s, W8IZZ, Don

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> The 470 ohm resistors,4 out of six only had 2 colors on them.
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> Some tips,mount all the resisors first,then the coiles that you wound.
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> and heat sink.My chips are still not installed as I am trying to replace the
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> is.
> The board is very good,and most of the resistors are well marked,the caps are
> of top quality but when you have to stop because parts are missing and some
> resistors are not marked,The Company should make good for it.
> If any others have had this problem,please let me know
> BOB
> WA2HOQ
> NJ QRP # 126
> QRP-L # 1437
> EPA QRP-L # 9
>
>
>

Date: Tue, 27 Jan 1998 08:09:57 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-l@Lehigh.EDU
Subject: [2035] Wis Fox coming - January 30, 01:00 - 3:00UTC
Message-ID: <86256599.004CE503.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Look for AE9K on January 30, 01:00 - 03:00 UTC. That's Thursday evening Local time.

We'll start out around 7.137 and deal with the QRM if it's too bad.

I believe there is a novice fox on that night too so don't forget him (or her?).

Now ... what to do with all these World Champion Green Bay Packer QSL cards.

Brian

Date: Tue, 27 Jan 1998 09:30:54 -0500
From: ckrellic@usaor.net
To: qrp-1@Lehigh.EDU
Subject: [2036] QRP KITS
Message-ID: <34CDEF9D.748EF266@usaor.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On the OHR thread:

I have built MANY of Dick's kits and find the kits an excellent product and his service even better. I told Dick he has more patience than myself being in this business -:)

I recently built the Emtech 80 meter kit and

ran into some problems, but found Roy MORE than willing to help with a smile.

I Whole Heartily agree with Chuck's policy of NOT vendor bashing, where would we be without

these guys who are no getting rich on us by
no means.

72 Curt/K3ivb

Date: Tue, 27 Jan 1998 07:43:33 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Bcieslak@ra.rockwell.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2037] Re: Wis Fox coming - January 30, 01:00 - 3:00UTC
Message-ID: <34CD9025.631BE68A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bcieslak@ra.rockwell.com wrote:

>
> Look for AE9K on January 30, 01:00 - 03:00 UTC. Thats Thursday evening
> Local time.
> We'll start out around 7.137 and deal with the QRM if its too bad.
>

Are you really going to operate in the N/T segment, or was that a typo?

--
72/73, de Roger, N7KT

Date: Tue, 27 Jan 1998 08:44:59 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [2038] Sell for QRP rig funds
Message-ID: <3.0.1.32.19980127084459.00692eb8@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All,

I have the following items for sale:

ICOM IC-u4AT UHF FM Transceiver w/manual

2, BP-22 Battery packs -- rechargeable
1, BP-20 Battery pack -- for AA cells
\$125 (hardly used, no UHF repeaters close to where I live now)

Santec ST-20T VHF FM Transceiver w/manual
1, ICOM IC-2AT compatible battery pack -- rechargeable
Last used for packet station (using TS-711 now)
\$50 (no antenna, works best from 13.8 V DC supply)

AEA DX Handy 10mtr SSB/CW Transceiver w/manual
Crystals for 28.0 to 28.5 and 28.5 to 28.1 CW
Base-loaded collapsible whip antenna
HB T/R cable included for manual keyer control
\$125

HyGain Model 153BA-S
15 Meter 3-Element Beam
Still in original carton, never used.
\$85

Ship to CONUS, HI and AL if you pay shipping.

72/73

Chuck, W5USJ

Rains County (pop 6900), TX - EM22cv

ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Tue, 27 Jan 1998 09:38:16 EST
From: RangerSF5 <RangerSF5@aol.com>
To: qrp@ohr.com, qrp-l@Lehigh.EDU
Subject: [2039] Re: OHR KIT
Message-ID: <12d78a44.34cdf15a@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-01-27 08:28:03 EST, you write:

<< Subj: Re: OHR KIT

Date: 98-01-27 08:28:03 EST
From: qrp@ohr.com (ohr)
To: RangerSF5@AOL.COM

Bob,

I don't think you know what you are talking about! If you have a problem with parts, call me and let me know. If the VFO is unsatisfactory to you, why did you buy the radio in the first place? Instead of trying to modify the radio, why don't you build it and get it working first?

Thanks,
Dick
OHR

>>

If you remember I did call you and you told me the part would be shipped out the same day.

I still have not received it.

Everyone out there has taken my story and slightly turned it around to make it sound as if I said your kit was total junk.

I think your kit is excellent, however you sure could use some better quality resistors as far as the colors on the resistors go

I'm still waiting for "U105" that you were going to send out.

As for the way I have built the kit, it's easier to mount all the common parts first.

I have explained my reasons for installing the final and heat sink last.

As far as a Vfo well isn't that what ham radio is about? Experiment, and improvements? The kit is complete except for the part not yet received but it will have a vfo wired in when i'm finished with it.

As for the rest of the kit builders out there, I have a right to make statements about any product out there.

Dick at OHR says that MFJ qrp rigs are Junk

Many others have put down Pat Bun's 624 kits. I never had a problem with any of them.

See you all later.

Thanks for all the input

Bob

WA2HOQ

QRP-1 # 1437

NJ QRP # 126

EPA QRP # 9

Date: Tue, 27 Jan 1998 06:52:58 -0800
From: k6hcj@juno.com (Marv Fagenson)
To: aweiss@sunflowr.usd.edu

Cc: qrp-1@Lehigh.EDU
Subject: [2040] Re: HP412A -- who bought one and needs a manual?
Message-ID: <19980127.070239.10734.2.k6hcj@juno.com>

Ade (and anyone else)

I acquired a HP 1740A scope (100 MhZ) and no manual. Any help finding paperwork and probes is appreciated!

Marv Fagenson
Amateur Radio K6HCJ
k6hcj@Juno.com
Van Nuys, CA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 27 Jan 1998 07:52:14 -0700 (MST)
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-1@Lehigh.EDU
Subject: [2041] ICOM repair
Message-ID: <199801271452.HAA08954@mailman.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My Icom R7100 receiver appears to need some help.

Anyone have any recent repair experience?

72, Bob KI0G

Date: Tue, 27 Jan 1998 10:07:06 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n7kt@earthlink.net" <n7kt@earthlink.net>
Cc: QRP Discussion Group <qrp-1@Lehigh.EDU>, "Doc (W.D.) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [2042] Re: Wis Fox coming - January 30, 01:00 - 3:00UTC

Message-ID: <199801271011_MC2-30D2-9FAA@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Roger:

Believe he meant 7.037 and *NOT* 7.137. Must be a typo, as you suggested.

72/73,
--Doc/K0EVZ qrp-l 861

Date: Tue, 27 Jan 1998 10:19:22 EST
From: n7mfb@juno.com (Bill Todd)
To: ki7mn@dancris.com
Cc: qrp-l@Lehigh.EDU
Subject: [2043] Re: Getting Web Pages as e-mail
Message-ID: <19980127.071843.8047.0.n7mfb@juno.com>

On Mon, 26 Jan 1998 20:11:45 -0700 (MST) ki7mn@dancris.com writes:
>If you don't have web access, but want to see what's on a particular
>page, >you can send a message to:
>
> w3gate@gmd.de

>BE SURE TO DISABLE ANY SIGNATURE LINE BEFORE YOU SEND THE MESSAGE...IT
>DOESN'T LIKE THEM.
Hi Bob (and List)) -

I guess that means you can't use the JUNO program to get those files.
Why?
Well, it seems that JUNO is now automatically entering a "advertizement"
tag line on every E-mail message sent.

Perhaps I should try it, to see if it messes up.

CUL, Bill-N7MFB

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 27 Jan 1998 07:29:58 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Phil <k6ls@prolynx.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2044] Re: time to get out the check book.....
Message-ID: <Pine.SUN.3.90.980127072444.6805A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 27 Jan 1998, Phil wrote:

> time to get out the checkbook...or give the club treasurer a call

> It is time to prepare for Field day (and any other excuse you
> can think of....)
>
> You NEED this tower:

Some tower Phil!

But on a more down to earth lever, for anyone driving around the
Reno/Carson City NV area..... I have a little 50' crank up that
I would sell. :-) Would be nice for FD. I even have a trailer
axle that could be part of the "deal"..... would be pick up only!

And I know it would be less than that big one at \$28,000!! (I think
that's what the price was!)

If any interest, I'll start thinking about a price.

Also have about 50 or 60' of bolt together US Army surplus tower
that I'd also sell.

And despite what some think, QRP does work well with good antennas
up in the air!! :-) Ask Chuck.....

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 27 Jan 1998 08:45:40 -0700
From: "Bob Follett" <bfollett@ditell.com>
To: "QRP-L Group" <qrp-l@Lehigh.EDU>
Subject: [2045] RE: Tower Web Site -- Check It Out!
Message-ID: <01bd2b3a\$9ebb1440\$LocalHost@newmicronpc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

Phil put up a small, innocuous message:

<<
You NEED this tower:
 <http://www.keyinternet.com/surplus/towers.htm>
>>

If you have Browsing capabilities, you gotta check this out!!!

Best laugh of the week -- and certainly could put Ron Stark to shame :-)

---Lets see, a second mortgage on the house --

73, Bob

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

Date: Tue, 27 Jan 1998 08:38:30 -0700
From: "Ron Smith" <resmith@primenet.com>
To: <w7ls@blarg.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [2046] Re: Knightlites SMiTe: more test results
Message-ID: <035201bd2b3a\$148b1a40\$5822a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jim,

Interesting information here, and above all - I appreciate the "Elmer break!" additions. Thanks.

Ron Smith

Amateur Radio Callsign: KD7VD
Boise, Idaho
E-mail: resmith@primenet.com
QRP-L #1291...ARCI #9580

-----Original Message-----

From: W7LS <w7ls@blarg.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, January 27, 1998 1:30 AM
Subject: Knightlites SMiTe: more test results

>Hi, again. Finally unearthed the HP141T spectrum analyzer and got a
>spectrum on the output of the SMiTe. For those of you not familiar with

[cut]

Date: Tue, 27 Jan 1998 09:37:49 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-l@Lehigh.EDU
Subject: [2047] Wis FOX Correction
Message-ID: <86256599.0055B258.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

I will be operating around 7.037 Mhz not 7.137 as originally posted...Its gonna be a long day.

Brian AE9K

Date: Tue, 27 Jan 1998 10:09:16 -0500 (EST)
From: n4js@pobox.com
To: RangerSF5@aol.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [2048] RE: OHR KIT
Message-ID: <XFMail.980127100916.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 27-Jan-98 RangerSF5 typed:

>I felt the need to write this letter and let all of you know what problems I
>had with the OHR 40 meter kit

I recently built an OHR100 15M kit and an OHR100A 20M kit. Had a bad crystal in the 15M kit, replaced almost instantly! (I emailed and had the new one in 3 days). Did find a couple of missing small caps in the 100A kit, which I had on hand, but kinda expected since it was a new kit. Everything works GREAT. I have run into a couple small missing parts in every kit, but service from the kit makers has been EXCELLENT. I should also mention I have often found a few EXTRA parts. Sometimes an extra .1 cap, but short a .001, etc. easy to do when you are kitting that many parts.

Sent at 10:09:16 on 27-Jan-98

John L. Sielke	n4js@amsat.org	n4js@pobox.com
n4js@qsl.net	NJ Grid:FM29LN	
http://www.qsl.net/n4js		
NJ-QRP #57	QRP-L #884	
QRP-ARCI CQC #443	CQrp #50	AKQrp ARQrp
NE-QRP #507	G-QRP #9544	NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Tue, 27 Jan 1998 10:47:35 -0500
From: Patrick Franzis <franzis@esun19.gdc.com>
To: QRP Digest <qrp-l@Lehigh.EDU>
Subject: [2049] RE:Oh No! Touch-Lamps! HELP!
Message-ID: <Pine.SOL.3.96.980127104337.17040V-1000000@esun245>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

An even easier solution, bring them back to the store!

Tell her that they are not classy enough and she deserves better.

-Patrick N10CJ

>Yep it happened to me. I was in the shack playing radio (as the YL calls
>it). All of a sudden a new noise comes across the radio. What the devil
>is making this new noise?? I tune around and find it all over the
bands.

>Where is it coming from??? Then the YL comes in and asks me to look at
>these two new lamps in the bedroom to see if I like them. Well stick a
>stake through my heart.....not touch lamps. Yep there they are big as
>life and the YL just loves these lamps.

>

>OK guys....I have seen this discussed before but never thought I would
need

>the info. NOW I NEED IT ! Please help me. How do I quiet these
things

>down??

>

>Thanks for all the help in advance.

>

>

>=====

>72/73 de W2UX

>Gary McCaughey

>Lexington, SC

>CW is the REAL THING!

>Use it....or lose it.

>QRP-ARCI QRP-L CQC

>=====

>

>

Date: Tue, 27 Jan 1998 10:57 -0800 (PST)
From: eakwik@mail.hac.com
To: qrp-1@Lehigh.EDU
Subject: [2050] source for straight keys
Message-ID: <0ENG00K0590PWE@mail.hac.com>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

Where can I get a good but cheap straight key? I have web surfed and I can find \$200 gold plated ones, \$300 walnut based ones, even \$60 specials from Japan. Does anyone sell the brass key of 25 years ago? Would the surplus places still have used ones?
Thanks

Ed Kwik qrp-1 #1444

Date: Tue, 27 Jan 1998 09:13:26 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: n7mfb@juno.com (Bill Todd)
Cc: qrp-1@Lehigh.EDU
Subject: [2051] Re: Getting Web Pages as e-mail
Message-ID: <199801271613.JAA15897@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:19 AM 1/27/98 EST, you wrote:

>On Mon, 26 Jan 1998 20:11:45 -0700 (MST) ki7mn@dancris.com writes:

>>If you don't have web access, but want to see what's on a particular
>>page, >you can send a message to:

>>

>> w3gate@gmd.de

>

>>BE SURE TO DISABLE ANY SIGNATURE LINE BEFORE YOU SEND THE MESSAGE...IT

>>DOESN'T LIKE THEM.

>Hi Bob (and List)) -

>

>I guess that means you can't use the JUNO program to get those files.

>Why?

>Well, it seems that JUNO is now automatically entering a "advertizement"

>tag line on every E-mail message sent.

>

>Perhaps I should try it, to see if it messes up.

>

No, you can use the tag line, etc., but you'll get some help messages from the server. No big deal. It's just cleaner without anything in the body.

Date: Tue, 27 Jan 1998 10:12:45 -0600
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-1@Lehigh.EDU
Subject: [2052] SMiTe Particulars
Message-ID: <0005A6CF.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Hi Folks,

Been out of touch as of late. Can some kind soul
please post the specifics on the SMiTe kit?

Price, availability, where to order, etc.

Thanks very kindly.

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25

Date: Tue, 27 Jan 1998 09:20:48 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [2053] Re: OHR KIT
Message-ID: <037201bd2b3f\$9669ebe0\$5822a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I hadn't had a soldering iron in my hand for kit building in about 20 years.
I finally decided to jump in and buy a QRP kit as a first involvement in
this side of the hobby. I did a lot of Internet searching, reading, and

e-mailing and decided on the OHR100A, DD-1, and WM-2 as my first kit(s.) One reason I decided to go with OHR was the fine responses I received from Dick. He was always quick to answer and always truthful and up front. When I got the kits I built the WM-2 first and was VERY impressed with the quality of parts, PC Board, enclosure, instructions -- what a fine product. The DD-1 was equally outstanding. Then I tackled the OHR 100A. During the inventory I found that I was missing two resistors which were replaced at Radio Shack for 53 cents. The rest of the kit was as expected, excellent.

During the building process of these kits I sent Dick a couple of e-mails and one resulted in a "Call me" message. "Boy" I said to myself "I'm I going to get it now!" Got Dick on the phone and he was able to solve my problem in less than two minutes. Once he explained things to me, it all made perfect sense -- and worked.

What am I saying? Just this. If Dick says he did something - believe him. If Dick says "Trust me!" - trust him. The man knows what he is talking about. If he says install parts in this order - do it because there's obviously a reason for it.

Now the nasty stuff. If anyone buys a kit they should build it as originally designed and make it work. If they want to experiment by removing this and adding that - fine, but understand that they have voided ANY present or future warranty for the product.

My .02 cents worth.

Ron Smith

Amateur Radio Callsign: KD7VD
Boise, Idaho
E-mail: resmith@primenet.com
QRP-L #1291...ARCI #9580

Date: Tue, 27 Jan 1998 11:23:10 -0500
From: ckrelic@usaor.net
To: qrp-l@Lehigh.EDU
Subject: [2054] Re: FS:QRP Tuner
Message-ID: <34CE09ED.2A83477B@usaor.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks much for all the replies, the tuner is sold!

Curt/K3ivb

ckrelic@usaor.net wrote:

```
> Hello all:
>
> QRP tuner MFJ 971 as new condition
> with box and manual shipped 48 $50
>
> 73/72 Curt/K3ivb
```

Date: 27 Jan 1998 11:23:24 EST
From: <rflight@VNET.IBM.COM>
To: <W7LS@BLA.IBM.COM>
Cc: <klqrp@waterw.com>, <qrp-l@Lehigh.EDU>
Message-ID: <19980127.112324.ONEIL@RALVM8>

Greetings from Gary O'Neil

```
-----
>> Learning from anothers success; <<
>> is easier than learning from my own mistakes. <<
-----
```

Subject: Re: KnightSMiTe test Results

Jim;

You've tend to the task of beta testing well... Your reports are thorough, articulate and enthusiastic. Very nice job.

In your last post, you mentioned that second harmonic suppression is somewhat irrelevant at these power levels. This is true if consideration of the transmitted energy is the only factor considered. There are a couple of other points worth noting however.

I'm not entirely certain of this, but I believe the FCC requirements for transmitter kits in this power range require that

harmonics be suppressed by no less than -30 dBc (30 decibels below the fundamental for those following the Elmer thread.

The second is most important but a subtle elegance of the KNightSMiTe that is often overlooked in DC receiver design. Without output filtering and a local oscillator rich in harmonics, a DC receiver is a fair performer at harmonic multiples of the LO as well as at the fundamental. As a consequence, one is subjected to interference from services that occupy harmonically related spectrum. The transmit LPF doubles as a receive preselector of sorts and does a pretty good job of suppressing signals on most harmonically related frequencies and it's performance in this capacity is directly related to its ability to suppress transmitter harmonics as well (i.e. it is a reciprocal network).

This second issue is of particular importance to the KNightSMiTe because the second harmonic of 3686.4 falls right smack in the middle of the 40 meter foreign broadcast band. We all would love to be stimulate each others S-meter with such resounding glory as some of the stations that reside on that band :-)

The addition of a capacitor in parallel with the inductor in the LPF resonates with that inductor to serve as a trap and prevent second harmonic energy from entering the receiver. It is fortuitous that it also suppresses the transmitters second harmonic as well. The FCC's happy... I'm happy :-) This is the trick employed by elliptic filters to enhance suppression in critical regions of the stopband.

Alternative techniques include cascading additional filter sections which increase cost and take up more space. Obviously, cascading an elliptic design can greatly improve interference in environments where 40 meter BCI is extraordinary.... and the transmitter output gets cleaner and cleaner :-) Series resonant "wave traps" can also be employed and the LPF can be converted to a BPF design in regions where local AM broadcast stations are troublesome. The best defense against local BCI however is adequate shielding, minimization of "hook-up" wire lengths, and keeping external wiring in twisted pairs or shielded coax to keep signals incident on power, key, and headphone cables common mode allowing the interfering signals to cancel prior before they enter the receiver.

Thanks again for the great beta test reports. I hope you enjoy using the KNightSMiTe often.

BTW... any comments by way of comparisons with other DC receivers with respect to microphonics?

Gary, N3GO Raleigh, NC

Regards;

Gary E. O'Neil

T/L 441-5750 - Outside (919)-543-5750
3039 Cornwallis Road, M/S W37/205
RTP, N.C. Bldg. 205/BB-003

Date: Tue, 27 Jan 1998 11:27:11 EST
From: PDouglas12 <PDouglas12@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [2056] OHR and the joy of building
Message-ID: <4275bd9.34ce0ae1@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Gang,

OHR doesn't need defending. But I can't resist a good word about a good company. They were the first to build a professional level transceiver kit after Heathkit died. I remember lending one of my OHR (sorry Dick, but imitation is the best form of flattery!) manuals to another of the current top kitmakers to show them what a modern professional manual should look like! They still build great kits. And they stand behind them. I once built an OHR for a friend on the list here just for the joy of building one of their kits. And yes, of course, it worked from the get-go.

The power of this list continues to inspire awe and maybe even a little fear. It is a concentrated collection of many of the active QRP people in the US and elsewhere, and what we say gets distributed fast and irrevocably. I agree that the posting that began this line was very mild, and the criticism was woven with some kind words, so it wasn't so terrible. On the other hand, I think it would have been better if the customer and OHR had had a discussion about any late/missing parts before it was aired here. Perhaps the point is that, as always, posting to this list should be carefully considered before the send button (= trigger?) is clicked.

The current crop of kitmakers, OHR, Small Wonder Labs, Wilderness, Emtech, Kanga, and Ten Tech (if I missed one, shoot me), are exquisitely sensitive to customer criticism, and my experience with these outfits is that they will kill themselves to please. I don't know how they do it, being a person of little patience myself.

72,

Preston WJ2V

Date: Tue, 27 Jan 1998 09:27:34 -0700
From: "Ron Smith" <resmith@primenet.com>
To: <kreinbd@ccgate.dl.nec.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [2057] Re: SMiTe Particulars
Message-ID: <037901bd2b40\$7dc4e940\$5822a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Partial reprint of a message from Bob Kellogg Subj: KnightSMiTe Update:

This kit consists of a board and the parts to go on the board. It doesn't
include jacks for the Antenna, phones and key or an enclosure.
Instructions are minimal, but a unique system is used which makes assembly
simple. Extra parts are included for practice soldering the SM chips.

The price is \$10 plus \$3 shipping in the U.S., \$5 for DX. Those who order
more than one kit pay only one shipping fee. Make checks payable to Bob
Kellogg.

Thanks for your patience and the tremendous support and response to this
project.

CUL,
Bob Kellogg, AE4IC,
4708 Charlottesville Rd.
Greensboro, NC 27410
Prolably, but not nececelery. -- Benny Hill

Hope that helps...

72

Ron Smith

Amateur Radio Callsign: KD7VD
Boise, Idaho
E-mail: resmith@primenet.com
QRP-L #1291...ARCI #9580

Date: 27 Jan 1998 11:28:16 EST
From: <rflight@VNET.IBM.COM>
To: <klqrp@waterw.com>, <qrp-1@Lehigh.EDU>, <w7ls@blarg.net>
Message-ID: <19980127.112816.ONEIL@RALVM8>

*** Resending note of 01/27/98 11:23
Greetings from Gary O'Neil

>>	Learning from anothers success;	<<
>>	is easier than learning from my own mistakes.	<<

Subject: Re: KnightSMiTe test Results

Gang,

I think I botched sending this the first time... My apologies if it is redundant.. Gary, N3GO

Jim;

You've tend to the task of beta testing well... Your reports are thorough, articulate and enthusiastic. Very nice job.

In your last post, you mentioned that second harmonic suppression is somewhat irrelevant at these power levels. This is true if consideration of the transmitted energy is the only factor considered. There are a couple of other points worth noting however.

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Thanks again for the great beta test reports. I hope you enjoy using the KnightSMiTe often.

BTW... any comments by way of comparisons with other DC receivers with respect to microphonics?

72

Gary, N3GO Raleigh, NC

Regards;

Gary E. O'Neil

T/L 441-5750 - Outside (919)-543-5750

3039 Cornwallis Road, M/S W37/205
RTP, N.C. Bldg. 205/BB-003

Date: Tue, 27 Jan 1998 11:17:52 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <eakwik@mail.hac.com>
Subject: [2059] Re: source for straight keys
Message-ID: <199801271617.LAA25758@mail1y-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Ed and gang (in case someone's interested),

I've used the small oval shaped J-38 type straight key from Nye. It was about \$28 a few years ago, and think it's a very good straight key for the money. They also sell the Master key, but about twice as much or more than the less expensive one. Didn't go for the shorting bar to save a few bucks.

I also own the Bencher key and like that one two, but also more than twice the money. I took out the spring and soften it up a bit and the key is as smooth as butter now.

I bought a homemade straight key from W6JAZ in California. Great deal for \$25 plus \$7 s/h. Think it's well worth it. It's my latest portable key (if not using paddles).

There is a picture of that one on the NJ-QRP web site, or was not too long ago, www.njqrp.org.

GL

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 27 Jan 1998 10:35:53 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU

Subject: [2060] AE DX Handy Sold
Message-ID: <3.0.1.32.19980127103553.00696328@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All,

The AE DX Handy 10 meter transceiver is sold.

Thanks.

72/73
Chuck, W5USJ
Rains County (pop 6900), TX - EM22cv
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Tue, 27 Jan 1998 08:38:29 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [2061] Re: time to get out the check book.....
Message-ID: <01bd2b41\$ff2deb70\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK, I think I've got all the details worked out, except for one minor issue.

I'll get that little portable crank-up tower, top it off with Ron's 50 ft crank up to get some decent height, and use Ron's 60 ft of surplus tower material as the boom for a super 40 meter beam. That ought to be good enough for a few extra foxes! Might even be able to sell the ESP filter.

The minor issue? Well, I'm not sure how to break the news to my wife and neighbors, but I'll figure that out.

After the recent job erecting my secret fox squasher antenna, I feel that this little project should be a piece of cake.

Did you know that Europe and Asia also have 40 meters? I just found that out.

Mike K1MG

P.S. Bob AE4IC: better put that attenuator on your receiver before tonight!

Date: Tue, 27 Jan 1998 10:40:15 -0600
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)
To: qrp-1@Lehigh.EDU
Subject: [2062] Re: OHR KIT
Message-ID: <v01540b00b0f3b64b44c8@[157.142.56.167]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well since we are all comparing notes on the OHR100a....

I too just built the 40 M version. No missing parts, one extra cap (I used it in making the 10:1 probe for my frequency counter :-). The resistors in my kit were all easy to read and appeared to be high quality stuff of recent manufacture. Ditto everything else in the kit. I basically stuffed the board and did the alignment as per the instructions, and the radio worked the first time. The receiver is very sensitive, nice sounding and has loads of volume. Transmitter sounds clean it my Yaseu. I don't have a spectrum analyzer (who does?) but no harmonics were detected by my trusty old Lafayette wavemeter even when I poked the antenna inside the case. This is a crude test, but I could detect out of band spurs on the NC 38s this way before that radio's final alignment, so it is a useful test. I plan on replacing the main tuning pot with a 10-turn pot; this is strictly a personal preference. I will add a Wilderness KC-1 for a frequency readout. The pot that came with the kit appears to be very high quality, and when I replace it with a 10-turn I will use one of equal quality so that the VFO is not degraded. Speaking of the VFO, it drifts for about 5 minutes when the radio is first fired up and then is rock solid. For a test, I set it to W1AW and the VFO did not drift for 1.5 hours.

I can't comment on OHR support during assembly and alignment. Since all parts were present and the thing worked, I didn't need any help. Read the other emails for the general consensus on this subject.

This report was submitted not in defense of anyone or to attack anyone. Just my results. I don't know Dick from Adam, but my experience is that I would not hesitate to buy another kit from OHR.

72,
Mike N5JKY

Edmond, OK

Date: Tue, 27 Jan 1998 17:44:11 +0200
From: "Juan A. Bertolin" <jbertolino@nexo.es>
To: "QRP - LIST ADDRESS" <qrp-l@Lehigh.EDU>
Subject: [2063] QRP Tuner
Message-ID: <199801271651.RAA00345@smtp.bankinter.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dear friends,

I am looking information about serial-parallel tuners. In one CQ Amateur's article, there was a discussion about the advantages of using a serial-parallel tuners instead the typical T-network and L-networks, regarding losses, impedances matching with balanced feed lines .

Do you know any web site where I can find that kind of information? Is it really worth to build a serial-parallel tuner instead a typical one (T-network, L-network)?

Best DX, 73's

 ? \ / ? ?
 ? ? \\ ~ ~ // ?
 ? (. \ - 0 - 0 / .) ? ?
-----o00o-(_) -o00o-----

EA5XQ, QRA:Juan, QTH:Almazora, LOC:IM99WW
FT901DM, MFJ1796,V inv. 40,80m.
HOWES (80,40,20) TX2000-DXR20

- SETEC ASTRONOMY -
- 'Only one key is enough to open all the doors'-

When I picture a perfect reader, I always picture a monster of courage and curiosity, also something supple, cunning, cautious, a born adventurer and discoverer...

-- Friedreich Nietzsche--

Date: Tue, 27 Jan 1998 09:52:58 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: eakwik@mail.hac.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2064] Re: source for straight keys
Message-ID: <34CDAE7A.2C993336@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed,

I have an older straight key laying around that I don't need. Send me your snail-mail address and it's yours.

--

72/73, de Roger, N7KT

Date: Tue, 27 Jan 1998 10:01:17 -0800 (PST)
From: Sam <kc5tja@animeonline.ml.org>
To: eakwik@mail.hac.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2065] Re: source for straight keys
Message-ID: <Pine.LNX.3.96.980127095950.19896E-1000000@animeonline.ml.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Where can I get a good but cheap straight key? I have web surfed and
> I can find \$200 gold plated ones, \$300 walnut based ones, even \$60
> specials from Japan. Does anyone sell the brass key of 25 years ago?
> Would the surplus places still have used ones?

Agreed. I fail to see why I should have to pay more than \$15 for a straight key. I've been looking for one a while back (still haven't found one), and have noticed that straight keys are as expensive, if not moreso, than paddles. That's ridiculous!!

If anyone has any sources for ANY inexpensive straight key, not necessarily just 'brass', please post to the mailing list. I'd like to purchase one...

=====

-| TEAM DOLPHIN |-
Chief Architect and Project Founder
(web page under construction)

PGP 5.0 Public Key Available Upon Request.

Date: Tue, 27 Jan 1998 11:57:43 -0500
From: Barry Keating <Barry.P.Keating.1@nd.edu>
To: qrp-1@Lehigh.EDU
Subject: [2066] FS Bencher and SPEED-X Straight Key
Message-ID: <v03007803b0f3a5432671@[129.74.86.74]>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

<fontfamily><param>Times</param><bigger><bigger>For Sale:

Bencher BY-1 Iambic Paddle

Black Base

Chrome Working Parts

With Connecting Cable and 1/4 inch Plug

Johnson SPEED - X straight key

Black Oval Base

Chrome Working Parts

Western Union Style Binding Posts

With Connecting Cable and 1/4 inch Plug

Both keys are mounted on a single handsome wood base. Each key is mounted in a recess shaped exactly to the size of the key base with the connecting cables fed through holes in the back of the wood base. A handsome combination of straight key and iambic paddle on a custom base (very heavy). Paddle on the left, straight key on the right. Both keys are in excellent shape. The unique wood base is very nicely crafted.

\$80 shipped for both keys, the custom wood base, and the cables.

Barry Keating

WD4MSM

219-634-9127

keating.1@nd.edu

Date: Tue, 27 Jan 1998 09:07:22 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-1@Lehigh.EDU
Subject: [2067] grid squares in FYBO and QRPTToTheField
Message-ID: <199801271707.JAA01406@heracles.llnl.gov>

Although not part of the exchange for these low-key contests, I will be asking all my contacts in those contests for their grid square. I have been collecting grid squares for some time now (QSLs and all!) and hope the many field locations will lead to new grid squares to work. I would ask those who are going a-field to determine, in advance, their grid square location for those of us who care. Or, at least get your latitude/longitude to reasonable accuracy. THANKS!

Look for us from the dizzying heights (el. 1550') of Pleasanton Ridge as K7GT/p , KQ6KV/p, and (with the club call) KF6PEK (maybe a vanity upgrade to AE6TT or AE6MT by then).

Grant K7GT k7gt@qsl.net

Date: 27 Jan 1998 12:13:18 -0500
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l;;
Subject: [2068] BUILD this receiver...Part 2
Message-ID: <1998Jan27.121318-0500@[130.113.234.7]>

Date: Tue, 27 Jan 1998 10:17:43 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: k6ls@prolynx.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2069] Re: time to get out the check book.....
Message-ID: <34CDB447.2F52FE9B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey! Just the thing for an antenna-restricted area. I can park a trailer on the street for 72 hours, then have to move it....no biggie, 'cause they don't say where I have to move it.

Now, if I can just get the XYL to forget about buying her new car.....

--

72/73, de Roger, N7KT

Date: Tue, 27 Jan 1998 12:18:06 -0500
From: Ed Tanton <n4xy@bellsouth.net>
To: Barry.P.Keating.1@nd.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [2070] Re: FS SPEED-X Straight Key comment
Message-ID: <3.0.1.32.19980127121806.00ded120@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Recently I was fortunate enough to find two NEW Johnson Speed-Ex keys still new in the MIL wrappings-and at a very reasonable price. This straight key looks simple enough, but is THE VERY BEST of perhaps 10-15 different straight keys I own, including a Kent, a J-38, a Bencher, and several others. Second best is an A T & T I got from Paul, K4MSG. So, buy this key if you're looking for a really good, fundamental brass pounding key. And consider the Bencher paddle a good throw-in with it. No connection to Barry... I was just VERY pleasantly surprised by the feel of THIS key

73

"Think you can, think you can't: either way you're right!" Henry Ford

OK, back in my hole.....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 27 Jan 1998 12:28:39 EST
From: ka7you@juno.com
To: QRP-L@Lehigh.EDU
Subject: [2072] RE: inexpensive straight key
Message-ID: <19980127.093914.6855.6.KA7YOU@juno.com>

One might consider buying a NorCal paddle kit, and modifying it. It looks like there are almost enough parts to make two straight keys, (only one base and a pivot bushing). The second one could use a spring instead of the magnet. Just a little rework of a support would make a horizontal pivot. Here is a good reason for someone who wants the NEW narrow paddle design to purchase the kit. Then they can build a straight key from the old parts, and have a matched set.

Using the same basic set of hardware (it is all standard nuts and bolts), and some brass from a hobby store or good hardware store, one could build a very nice one from scratch. Using a wood or plastic base would take care of insulating contacts.

It would require some drilling and tapping, but that would be part of the challenge for those without that skill already under their belt.

7 3,

Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 27 Jan 1998 10:33:18 -0800 (PST)
From: Sam <kc5tja@animeonline.ml.org>
To: Monte Stark <ku7y@sage.dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2073] Re: source for straight keys
Message-ID: <Pine.LNX.3.96.980127103051.20122A-100000@animeonline.ml.org>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> But I also don't think they are over priced. If anyone really
> thinks they are, I would suggest starting up a little company
> and putting one on the market. If you are right and you can
> make a good/cheap full sized hand key, I might even buy one!

Easier said than done. Setting up a company requires licensing in most states, and that in itself costs money. Furthermore, the cost of machining the parts for the key would outweigh the cost of purchasing a new, collectors item key by quite a bit. Unless, of course, the key is made with pencil shafts.. :)

For a new company, selling straight keys, I wouldn't expect too much business in the first two years of existence, so it really isn't profitable for me to start my own business in this field.

Oh well...maybe another day... :D

=====

-| TEAM DOLPHIN |-
Chief Architect and Project Founder
(web page under construction)

PGP 5.0 Public Key Available Upon Request.

Date: Tue, 27 Jan 1998 12:40:23 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: QRP Discussion Group <qrp-l@Lehigh.EDU>
Cc: "Doc (W.D.) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [2074] Value of Corsair I?
Message-ID: <199801271243_MC2-30DC-B829@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Help!--anyone know the approximate value of an excellent Corsair I? This one is a 9 on a scale of 10. It has no additional filters nor the matching power supply. But otherwise it is a great rig. In fact, it is a proven FOX hunter :-).

If you can help me set a reasonable price, please write. Thanks in advance.

72/73,

--Doc/K0EVZ qrp-1 861

Date: Tue, 27 Jan 1998 12:43:27 EST
From: KB9RPD <KB9RPD@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [2075] Books purchased today from ARRL!
Message-ID: <1de24364.34ce1cc1@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Well, I took the plunge. It was a decision between the virtual Elmer and a few books on my low budget.

I ordered "First Steps in Radio" (\$6), W1FB's "QRP Notebook" (\$10), "W1FB's Design Notebook" (\$10) and "Solid State Design for Amateur Radio" (\$15). I ordered all of them from ARRL.

What is interesting is I spoke to Amazon books. I wanted to get the Best of QRP form them...they had an order in from the publisher. I placed this order back on December 17. They still had no response. I decided to cancel that and have them send out the currently available Joy of QRP. I had a few recommendations from this list about this book, so I decided I "had" to get it. ;-)

I didn't see many more books I could squeeze in for under \$50 (including shipping). And, I figured, 4 books for \$42.00 is actually a VERY good bargain considering all of the knowledge I'll gain.

I didn't see anyone else respond to the "Build this Receiver" thread. But, from the responses I got, I decided I needed a better foundation!

I am also stopping by my better than Radio Shack (sometimes called Radio Shed) electronics store here in Indianapolis so I can pick up parts for the Tuna Tin2. I am hoping to buy parts in quantity so I have enough left over to supply most of the parts for the Herring Aid.

I have devised a revision to the Tuna Tun2 (physical construction/modifcation to the can). When it is finished, I'll let ya'll know if it worked. A little modern ingenuity I guess.

I have also watched (and added one comment) the Elmer thread. Like many, I

think this QRP group is my Elmer! I have gotten A LOT of help from many people...which lead to a fantastic home brew ground wave that I use for my HT. And, more help which will lead to a completed Tuna Tin2. I can say enough thank you's for the suggestions and personal email I've received with tips, stories, and comments. I appreciate the assistance!

Now, any idea how I can convince the xyl to let me do more? hehehehe. Since I'm going on a big fishing trip to Canada (VE4) in August, she keeps telling me I need to watch my step and stop doing too much! ;-). Once I get both the Tuna Tin2 done and the Herring Aid, I'll take them fishing with me (pun IS intended) and perhaps I'll make a few contacts with the QRP group while I'm on the island! I may even have to make a few "temporary" QSL cards just for the occasion.

Speaking of QSL cards, I'm very curious about something. When I was in scouts years ago, we always got patches. In fact, boy scout patches (some) are very collectable and some are even considered quite valuable. Is there such an interest in QSL cards?? Between hams, they are really signs of accomplishment...proof of a contact. I would assume MOST hams have QSL cards from actual contacts made. But, does anyone actually collect them whether or not they made the contact?

73, Ted - KB9RPD

Date: Tue, 27 Jan 1998 12:56:49 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: QRP Discussion Group <qrp-l@Lehigh.EDU>
Cc: "Doc (W.D.) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [2076] FS;Autek QF-1 Audio Filtre
Message-ID: <199801271259_MC2-30D8-122B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Have For Sale an Autek QF-1 active audio filtre. Has notching and peaking capabilities. Includes copy of manual. Complete, in excellent condition. \$45.00 including shipping in CONUS. Interested?--just let me know.

72/73,
--Doc/K0EVZ qrp-l 861

Date: Tue, 27 Jan 1998 17:51:10 -0800
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [2077] Re: OHR KIT
Message-ID: <34CE8F0E.5BC0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have constructed the following OHR kits: two OHR-400s, one Explorer II, one 15m OHR-100, one WM-1, one WM-2 and four DD-1s. I experienced no missing parts and no poor quality parts. Service via telephone from Dick was excellent, and he even provided free replacement parts for some that I stupidly destroyed!

I teach an introductory electronics course at the communicaty college level in which students build an AM radio kit using an instruction manual I write and place in the student bookstore (with no personal profit). From my experiences I know kit builders will misplace parts even when I provide plastic freezer bags for storage. I know well how easy it is for kit builders to misinterpret written instructions, and thanks goodness for a word processor that permits me to fine tune the manual's instructions between semesters. In the Fall semester I am seriously considering a HF transceiver kit for an advanced class in communications.

I continually encourage my students to develop their verbal communication skills, often to the point of requiring them to discuss problems orally as if the conversation were by telephone, because for many (if not most) of my students English is not their native language. While e-mail might be suitable for the more simple problems with more experienced builders I would agree with Dick that telephone conversations are usually more effective. I would generally discourage modifications until after the kit is completed and working.

I have very high respect for the kits and the manuals that Dick provides through OHR.

73, Harvey, N6MM.

Date: Tue, 27 Jan 1998 10:08:42 -0800
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>
To: <qrp-l@Lehigh.EDU>

Subject: [2078] Chrome base for the Norcal Paddles
Message-ID: <19980127180917.AAA26976@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Good news-bad news.

Let's have the good news first--

I let my fingers do the walking this morning and found a place in Van Nuys, CA, which will chrome plate small objects.

The bad news -- minimum order \$30. A lot for ONE NORCAL PADDLE, but if there are enough of us who might want to have shiny chrome bases for our K8FF-masterpieces, WE COULD GET THE BASIC COST AMORTIZED OVER A LARGE NUMBER OF KEYS!!

Until I go over and show the guy the actual base, I won't really know what he'd charge for 12-or-20-or-50 of them. But if there's enough interest from the list, I'd be proud to visit the shop and see what the best deal is per unit for "x" number of units. Of course, if we do this, don't forget about \$3-4 postage and wrapping for shipment each way between you and the Los Angeles area. If we like the deal, I'd have you ship me the key base with check to cover chrome plating and return postage. BUT BEFORE I GO SEE THE MAN, I'D LIKE TO HAVE A FAIRLY GOOD IDEA OF HOW MANY PEOPLE REALLY WANT TO HAVE CHROME PLATED BASES. If you don't think you're interested enough to reply, watch this space anyway -- when I get an estimate of realistic numbers, I'll post here the cost of ''units based on the number already signed up'' and will attempt to have an estimate for each ''additional unit.''

If this sounds like something you might be interested in, please send an e-mail to either of the below addresses. If you're not interested, then drop by the web page anyway!

73/72 de alan

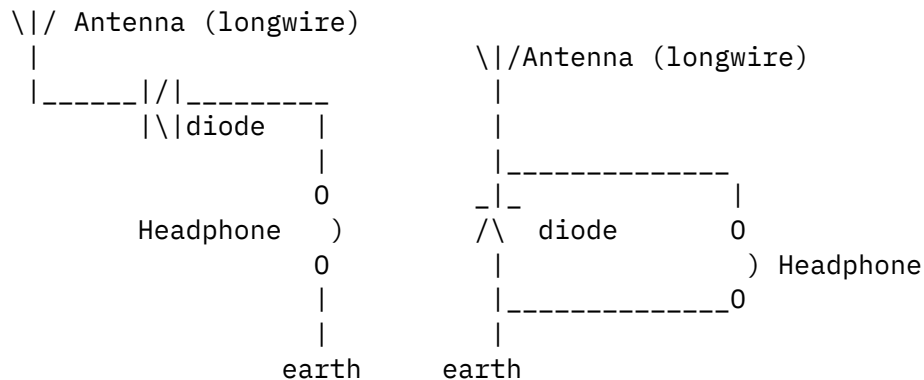
Alan Kaul, W6RCL
Amateur Radio website: <http://home.att.net/~alan.kaul/w6rcl.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: 27 Jan 1998 13:06:58 -0500
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>

To: qrp-1;;
Subject: [2079] BUILD this receiver...Part 2
Message-ID: <1998Jan27.130658-0500@[130.113.234.7]>

Whoops, cut-n-paste had me fooled...here's what was intended:
OK, so some have tried out the simple AM radio. We're not done with it yet. Potential designers take note: there's a design flaw in one of the circuits. I tried both circuits the other night (no solder, but three hands would've helped) and heard a marked difference between them. So hone your troubleshooting skills on this one and examine the two circuits - find the flaw. If you don't get it now, this flaw will likely strike you down somewhere/sometime else.

Here is the schematic (choose courier font if you have trouble)



The first (series-connected diode and headphones) gave a weak 60 Hz. buzzing, modulated weakly by an AM radio station. The second circuit (parallel diode and headphones) played beautifully. Now I'm not suggesting that everyone will get the same results, but the first circuit (as shown) has a BIG flaw.

THINK about it, and stay tuned for the answer.

Answer to question 1: why doesn't diode direction matter?

Here's one of the fundamental properties of ALL modulated carriers: they're symmetrical about zero volts. The AVERAGE value of any carrier (modulated or not) MUST be zero. So the positive excursions of the RF waveform are equally matched by the negative excursions. The diode detects either the positive excursions or the negative excursions equally well. So it doesn't matter which you choose.

Date: Tue, 27 Jan 1998 10:09:38 -0800
From: W7LS <w7ls@blarg.net>

To: "Harvey D. D. Hetland" <n6mm@earthlink.net>
Cc: qrp-1@Lehigh.EDU
Subject: [2080] Re: Knightlites SMiTe: more test results
Message-ID: <34CE22E2.1AA8@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oops! You're right. Thanks for the correction. See? I told you it was late! :-)

73 de Jim, W7LS

Harvey D. D. Hetland wrote:

>
> Jim:
>
> Perhaps I am being a little critical, but your use of "first harmonic"
> is misleading. For example, when the fundamental is 3.686 MHz
> the second harmonic would be $(2)(3.686 \text{ MHz}) = 7.372 \text{ MHz}$,
> the third harmonic would be $(3)(3.686 \text{ MHz}) = 11.058 \text{ MHz}$ and
> the fourth harmonic would be $(4)(3.686 \text{ MHz}) = 14.744 \text{ MHz}$.
> The designation of the harmonic is based on the integer by which the
> fundamental frequency is multiplied to obtain the harmonic frequency.
>
> 73, Harvey, N6MM.

Date: Tue, 27 Jan 1998 13:17:14 -0500
From: "Dave Rowe" <elim@ime.net>
To: <eakwik@mail.hac.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [2081] Re: source for straight keys
Message-ID: <000b01bd2b50\$4ecd5720\$36c65ad1@Pelim>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed,
Try R&L Electronics
web <http://randl.com>

They have the Ameco Brass Key for about 13.50
73 Dave Kc1di

-----Original Message-----

From: eakwik@mail.hac.com <eakwik@mail.hac.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, January 27, 1998 11:06 AM
Subject: source for straight keys

> Where can I get a good but cheap straight key? I have web surfed and
> I can find \$200 gold plated ones, \$300 walnut based ones, even \$60
> specials from Japan. Does anyone sell the brass key of 25 years ago?
> Would the surplus places still have used ones?
> Thanks
>
> Ed Kwik qrp-1 #1444
>
>

Date: Tue, 27 Jan 1998 13:23:37 -0500
From: "Dave Rowe" <elim@ime.net>
To: <n7kt@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [2082] Re: source for straight keys
Message-ID: <001001bd2b50\$b3d4fce0\$36c65ad1@Pelim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

HI Roger,

If Ed doesn't go for your old Key I'll Bite. Need one here also,
adr: Po box 130
Limington, Me 04049-0130

Kc1di

-----Original Message-----

From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, January 27, 1998 11:57 AM
Subject: Re: source for straight keys

>Ed,
>

>I have an older straight key laying around that I don't need. Send me
>your snail-mail address and it's yours.

>--

>72/73, de Roger, N7KT

>

>

Date: Tue, 27 Jan 1998 13:27:38 -0500

From: "Dave Rowe" <elim@ime.net>

To: <jbertolino@nexo.es>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [2083] Re: QRP Tuner

Message-ID: <001101bd2b51\$e2334c80\$18c65ad1@Pelim>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

See the article at

<http://funnelweb.utcc.utk.edu/~cebik/radio.html>

OR

<http://funnelweb.utcc.utk.edu/~cebik/radio.html>

L.B. does a great job that may answer a few of your questions

73 dave, kc1di

-----Original Message-----

From: Juan A. Bertolin <jbertolino@nexo.es>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Tuesday, January 27, 1998 11:55 AM

Subject: QRP Tuner

>Dear friends,

>

>I am looking information about serial-parallel tuners. In one CQ Amateur's
>article, there was a discussion about the advantages of using a
>serial-parallel tuners instead the typical T-network and L-networks,
>regarding losses, impedances matching with balanced feed lines .

>

>Do you know any web site where I can find that kind of information? Is it
>really worth to build a serial-parallel tuner instead a typical one
>(T-network, L-network)?

>

>Best DX, 73's

```

>
>-----
>
>          ?      \ /      ? ?
>      ? ?  \ \ ~ ~ //  ?
>          ?      (.\-0-0-/. ) ?      ?
>      -----o00o-( )-o00o-----
>-----
>-----
>EA5XQ, QRA:Juan, QTH:Almazora, LOC:IM99WW
>FT901DM, MFJ1796,V inv. 40,80m.
>HOWES (80,40,20) TX2000-DXR20
>-----
>- SETEC ASTRONOMY -
>- 'Only one key is enough to open all the doors'--
>-----
>When I picture a perfect reader, I always picture a
>monster of courage and curiosity, also something
>supple, cunning, cautious, a born adventurer and
>discoverer...
>-- Friedreich Nietzsche--
>
>

```

```

-----

Date: Tue, 27 Jan 1998 13:39:30
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [2084] 6V NE4040
Message-ID: <3.0.3.16.19980127133930.119fe684@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

```

My first pass at making a low voltage 4040 is done. Actually, the subject line is misleading, as I'm currently powering it with 7.5 volts. (this is the lowest I can go to keep a 78L05 in regulation, need to get a low drop out type for 6V operation)

It was suggested to me to try a 2SC type transistor for the RF PA. I found one in a junk CB, a 2SC2075 and that gives me 2.5 Watts out at 7.5 volts! Of course, I had to replace the simple output coupling cap with a transformer to get this kind of power.

There is one draw back to running at 7.5 or 6 volts. To keep the power output the same as at 12 volts, the PA input current has to double. Actually, it is a little worse than that, as the amplifier efficiency drops

some. (I'm getting 51%) This means that although I can use less batteries, they have to have a higher current capacity to get the same life, so it might end up being a wash.

If anyone is interested in the specifics of these mods, let me know direct. Be advised that I did not use a stock board (made my own layout) and did not duplicate the original circuit exactly. However, I can give you a good idea of what needs to be done to make it work on 6 volts.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 27 Jan 1998 14:10:24 EST5EDT
From: "CHARLES LESKIE" <CLESKIE@um-f1.umd.umich.edu>
To: qrp-1@Lehigh.EDU
Subject: [2085] Cheap Straight Keys
Message-ID: <1DAB0C1EE8@um-f1.umd.umich.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Someone Suggested the Ameco straight key for 13.50.
I have one and I think its a nice key for the money.
I also have a bencher RJ-2 that I paid 90 dollars for. I can send a little better on the Bencher and the Bencher is also made much better, but functionally, theres not much difference except for price. They sell the Ameco at AES. Its in there catalog.

Date: Tue, 27 Jan 1998 14:27:42 -0500
From: Bob Hirsch <bobh@p3.net>
To: qrp-1@Lehigh.EDU
Subject: [2086] Re: source for straight keys
Message-ID: <3.0.3.32.19980127142742.0072fbc4@pop.p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

MFJ Enterprises just came out with a new straight key for \$7.95. Don't know a thing about it; just saw it advertised recently.

72/73 de Bob, W3CW

Date: Tue, 27 Jan 1998 15:32:53 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [2087] FYB0 and TR Log
Message-ID: <Pine.LNX.3.93.980127152306.561H-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have TR v4.05 set up for FYB0? This would be my first foray in to computer logging/keying. I have other keyers but thought the logging might be helpful. TR seems like overkill but it might just be that I haven't played with it enough. And just how do you tie the paddles to the parallel port? If you think the Island Keyer and paper log is a better choice, tell me! No need to clog the list, email direct. 72 es tnx

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Tue, 27 Jan 1998 11:41:03 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-l@Lehigh.EDU
Subject: [2088] Have RS1380 Info, still need RS1378 Info
Message-ID: <3.0.1.32.19980127114103.00f3fd14@dpol.k12.ca.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have the info for the Radio Shack transformer, part #RS1380, which is a 1K center tapped to 8 ohm audio transformer, thanks to Rod Johnson for the answer. I still need the info for the 1378. Any help on this one?? 72,
Doug, KI6DS

Date: Tue, 27 Jan 1998 13:48:50 -0600
From: "C.D. Rakes" <cdrakes@ipa.net>
To: <qrp-l@Lehigh.EDU>
Subject: [2089] OHR 1--A

Message-ID: <199801271942.NAA07135@thunder.ipa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Just wanted to mention that I called Dick yesterday and ordered a OHR 100A on 40M, and can't wait for it to arrive. I've never seen one of OHR kits before, but I've read several reports on previous kits, and have scanned the writings here and know from past experiences that no business remains for very long if their products are not up to snuff. So OHR must be doing it right!

Had to make a comment. Thanks, KI5AZ

Date: Tue, 27 Jan 1998 20:10:19 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2090] Re: source for straight keys
Message-ID: <34CE3F2B.45C2@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HSC has those Cheapie "made in China" stamped keys. \$14.95.
They also have that old Plastic framed key for \$9.95.

I remember when the plastic key was only \$4.95.....

Anyway, Nothing to write home about, In fact I don't even like them. But they work, can be easily lent out or given to the little Harmonics to practice on. The brass one has 4 bee-bee bearings, easy to lose if not careful when adjusting. The plastic one pivots in a metal U bracket with holes.

And one more thing: I use the plastic key for the Spartan Sprint! Keeps the station weight down!

If I had the money I used to have, (info retracted), I'd have a beautiful straight key, rest assured.

But give me an old 'used key' over anything new, anytime.

But they work.

<15 lines of text removed because I ranted about antique

dealers, motives, prices>

72 all.

-Ed

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.

72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR

<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Tue, 27 Jan 1998 15:06 -0800 (PST)

From: eakwik@mail.hac.com

To: mikemo@ibm.net

Cc: qrp-l@Lehigh.EDU

Subject: [2091] Re[2]: source for straight keys

Message-ID: <0ENG00I05LCPXP@mail.hac.com>

MIME-version: 1.0

Content-type: MULTIPART/MIXED; BOUNDARY="Boundary_(ID_oc4P3q3jFQBa+i0YyonzBw)"

--Boundary_(ID_oc4P3q3jFQBa+i0YyonzBw)

Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

Mike,

Besides the stuff being posted to the list I have found the following:

The Nye Viking web page at <http://www.skyport.com/rogue-press/keys>
It lists all of their products but no prices. I bet they will not
sell to individuals just dealers. Their e-mail address is
nyeviking@poboxes.com

Maryland Radio Center web page says they carry Nye Viking products.
Their inventory page has prices and shows which ones they have in
stock. Prices start at \$20 and go up.
<http://www.weathernode.com/mrc/nye.htm>

Hope this helps

Ed

----- Reply Separator -----
Subject: Re: source for straight keys
Author: mikemo@ibm.net at mime
Date: 1/27/98 8:15 AM

eakwik@mail.hac.com wrote:

>
> Where can I get a good but cheap straight key? I have web surfed and
> I can find \$200 gold plated ones, \$300 walnut based ones, even \$60
> specials from Japan. Does anyone sell the brass key of 25 years ago?
> Would the surplus places still have used ones?
> Thanks

Ed,

Can you tell me what you find out? I need a good straight key, but like
you I don't want to spend \$300. I'm still using a very cruddy plastic
key.

Thanks

72 de kf4trd

Mike Maiorana

--Boundary_(ID_oc4P3q3jFQBa+i0YyonzBw)

Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

RFC-822-headers:

Received: from CONVERSION-DAEMON by mail.hac.com (PMDF V5.1-10 #26245)
id <0ENG00101ADFY3@mail.hac.com> for "edward a jr kwik"@mime.mail.hac.com;
Tue, 27 Jan 1998 08:12:51 -0800 (PST)
Received: from PROCESS-DAEMON by mail.hac.com (PMDF V5.1-10 #26245)
id <0ENG00101ADEY2@mail.hac.com> for "edward a jr kwik"@mime.mail.hac.com;
Tue, 27 Jan 1998 08:12:50 -0800 (PST)
Received: from fw-es05.hac.com by mail.hac.com (PMDF V5.1-10 #26245)
with ESMTP id <0ENG00CR1ADE49@mail.hac.com> for
"edward a jr kwik"@mime.mail.hac.com; Tue, 27 Jan 1998 08:12:50 -0800 (PST)
Received: from out4.ibm.net ([165.87.194.239]) by fw-es05.hac.com (8.8.4/8.8.4)
with ESMTP id IAA11892 for <eakwik@mail.hac.com>; Tue,
27 Jan 1998 08:14:38 -0800 (PST)
Received: from mikemo.tampa.advantis.com ([129.37.0.8])
by out4.ibm.net (8.8.5/8.6.9) with SMTP id QAA09272 for <eakwik@mail.hac.com>;
Tue, 27 Jan 1998 16:17:15 +0000 (GMT)
Date: Tue, 27 Jan 1998 11:15:42 -0500
From: Michael Maiorana <mikemo@ibm.net>
Subject: Re: source for straight keys
Reply-to: mikemo@ibm.net
Message-id: <34CE082E.E92@ibm.net>
MIME-version: 1.0
X-Mailer: Mozilla 3.01Gold (Win95; U)
References: <0ENG00K0590PWE@mail.hac.com>

--Boundary_(ID_oc4P3q3jFQBa+i0YyonzBw)--

Date: Tue, 27 Jan 1998 15:24:54 -0500
From: jim <kw3u@warwick.net>
To: qrp-1@Lehigh.EDU
Cc: epaqrp-1@Lehigh.EDU
Subject: [2092] circad demo prgm
Message-ID: <34CE4296.6B7C@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow is all I can say. In preparation for the building and learning and modifying, I have bopped over to the place with the free demo CIRCAD prgm and downloaded it.

Got it home last nite and figured out how to unzip it and get it fired up on my clunky but humble 386. Man, that is one program...A course in itself (I've never seen a cad prgm b4 so forgive me); plus a built in help program to call up anytime...this is great, I am impressed and looking forward to this project.....the workbench is shined up and tools ready, except for lack of LCR meter which I might like to add.

72 Jim kw3u

Date: Tue, 27 Jan 1998 15:23:48 -0500
From: chefsaul@juno.com
To: qrp-1@Lehigh.EDU
Subject: [2093] GUSHER ANTENNA
Message-ID: <19980127.152349.3310.0.chefsaul@juno.com>

HEY THERE ALL readers: i hung a gusher today for a friend off the end of a 2 floor balconey to the roof of a building roof 34 feet away. cut the antenna for 20 meters, then loaded it with a tuner on 20, 17, 15. loaded riight up. this is a reatRICTED community and it is darn near invisible. made several contacts with it. good reports. for the price its a deal. recommend the antenna to anyone who needs a steath antenna and it sure is portable. saul ks4aul(wb2hiz)

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 27 Jan 1998 14:47:34 -0600 (CST)
From: William Wyatt <wbw95k@timon.acu.edu>
To: qrp mailing list <qrp-l@Lehigh.EDU>
Subject: [2094] Re: source for straight keys
Message-ID: <Pine.BSI.3.95.980127144631.17172A-100000@timon.acu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think that MFJ is selling a really cheap straight key. Look in the Feb QST. It's in there somewhere, just can't remember where and I don't have the issue with me right now. 73.

| | | | | wbw95k@timon.acu.edu
| | | | | William Wyatt
| /\ | | /\ | KC5ZGH <--Tech Plus // QRP-L member #1339
|/ \ | |/ \ | 1 Corinthians 13:13
<http://timon.acu.edu/~wbw95k>
-*** **-- -** * *- *-* ***** --** --* ****

Date: Tue, 27 Jan 1998 15:40:18 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Cc: "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, Dean N2TNN <n2mnn@spacegate.com>
Subject: [2095] WY on 10.106--Doug K7YD
Message-ID: <199801271543_MC2-30DD-92C2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Doug K7YD is on 10.116 now, will be until 2100Z. He is mobile in Yellowstone Park, WY. He is rolling here at 589. Several guys are calling him. Go get him :-).

He is running 5 watts to a Band Hopper antenna. Great signal here. At 2100Z he plans to move to 7.137 (sic--yep N/T portion). Several N/T's need WY, so Doug is giving them a good shot.

NOTE: John W2MBY....this is for you! Good luck, guy.

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 ar/qrp 73 hi/qrp 30 ARCI 9398 QRP WAS 44/42
ARRL DXCC 73/44 Grid EN34 <>< FOXes 1/25/98 = 26. A 1997/98 FOX.

Omni V Corsair I Yaesu 900AT Sierra Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D Matchbox GAP Titan
TNT/2 Windom SLV/W6MMA G5RV Timewave 599zx Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Tue, 27 Jan 1998 20:45:02 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: CLESKIE@um-f1.umd.umich.edu
Cc: qrp-1@Lehigh.EDU
Subject: [2096] Re: Cheap Straight Keys
Message-ID: <199801272045.UAA23175@chuck.dallas.sgi.com>

Gang,

Did I not just see an ad from MFJ for a \$7.95 straight key?
I forgot where I just saw it in the last week, but I did see
it somewhere.

FYI
Chuck Adams K5FO CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Tue, 27 Jan 1998 14:53:24 -0600
From: Ed Manuel <n5em@flash.net>
To: qrp-1@Lehigh.EDU
Subject: [2097] Re: source for straight keys
Message-ID: <3.0.5.32.19980127145324.008ab830@pop.flash.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

And you can see it at:

<http://www.mfjenterprises.com/mfj/keyers/mfj550.html>

At 02:27 PM 1/27/98 -0500, you wrote:

>MFJ Enterprises just came out with a new straight key for \$7.95. Don't know a thing about it; just saw it advertised recently.

>

> 72/73 de Bob, W3CW

>

Ed, N5EM

n5em@amsat.org

Date: Tue, 27 Jan 1998 15:54:25 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [2098] Elmer project update
Message-ID: <34CE4981.2F8C@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, here is an update to those who are interested.

I have received over 40 responses from people who would like to build a kit in conjunction with an "Elmering" presence. The idea is to build in sections, with circuit analysis from volunteer Elmers. The object is to give those who want to learn a "real life" radio design course. Obviously it is understood that this can not take the place of a 4 year EE degree, that is not the purpose. What we all end up with is an inexpensive high quality QRP radio that can be used in the foxhunts, along with the confidence that we know how it works and why it was designed the way it is.

Now that we have the interest, I need one or more Elmers to step up to the task of analyzing the radio design (Small Wonder SW-40) and working to write a descriptive analysis of each section. I am going to try to organize this as a "side project" so that it's use does not interfere with the QRP-L list, it is busy enough. Using Email and the web we should be able to distribute the information needed.

Other Elmers are also needed to field questions from the group who are building the radio. Again, I will try to coordinate this.

This project won't work without some of you "big guys" stepping up and helping. I'll do my best to facilitate the project and make it easy on the volunteers.

If you can help, please email me direct at <mailto:mikemo@ibm.net>

As a side note to those wondering about Circad, the demo will fit the need here. It is also free. Keep in mind that the full version is available to Hams for \$295, thats \$700 off the list price. It's a great design package!

72 de kf4trd
Mike Maiorana

Date: Tue, 27 Jan 1998 21:01:36 +0000
From: Ed Loranger <we6w@qsl.net>
To: n5em@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2099] Re: source for straight keys
Message-ID: <34CE4B30.2A08@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That's it. That's the lil' plastic key I use in the Spartan Sprints.

-Ed Loranger, we6w

--
Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Tue, 27 Jan 1998 16:01:20 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n2mnn@spacegate.com" <n2mnn@spacegate.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [2100] W2MBY Needs WY
Message-ID: <199801271605_MC2-30DD-3B7F@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

John/Dean:

Doug K7YD is *still* on 10.116...because lots of guys calling him. I just worked him again to tell him I had posted everything to the reflector.

Anyway....he promised that he *will* QSY to 7.137 ASAP. You might monitor him on 30 to catch the QSY. I am, too.

Good luck!

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 ar/qrp 73 hi/qrp 30 ARCI 9398 QRP WAS 44/42
ARRL DXCC 73/44 Grid EN34 <>< FOXes 1/25/98 = 26. A 1997/98 FOX.

Omni V Corsair I Yaesu 900AT Sierra Norcal 40a SW-40 49er
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D Matchbox GAP Titan
TNT/2 Windom SLV/W6MMA G5RV Timewave 599zx Auttek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Tue, 27 Jan 1998 14:14:49 -0800 (PST)
From: Sam <kc5tja@animeonline.ml.org>
To: Ed Manuel <n5em@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2101] Re: source for straight keys
Message-ID: <Pine.LNX.3.96.980127141426.20122C-1000000@animeonline.ml.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> <http://www.mfjenterprises.com/mfj/keyers/mfj550.html>

This looks like the key I've been looking for...I might make an order to them soon... :D

=====

-| TEAM DOLPHIN |-

Chief Architect and Project Founder
(web page under construction)

PGP 5.0 Public Key Available Upon Request.

Date: Tue, 27 Jan 1998 13:38:03 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [2102] MFJ Straight Key
Message-ID: <34CE53BB.5D072726@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have one of these keys (it was sent to me by a fellow QRPer from Japan) and it has a good feel to it. For the price I don't think you could go wrong.

Sam wrote:

> > <http://www.mfjenterprises.com/mfj/keyers/mfj550.html>
>
> This looks like the key I've been looking for...I might make an order to
> them soon... :D

Date: Tue, 27 Jan 1998 21:38:57 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@Lehigh.EDU
Cc: wjcb@gizmo.wright.edu
Subject: [2103] Re: Kits & parts & instructions & blather blather blather &c
Message-ID: <19980127.213900.3230.1.nilsbull@juno.com>

Amigos,

Lemme tell it like this: country simple, as they say around here . . .

I figure that I must be about the sub average kit loonie. I've built stuff that I shouldn't have bought and built stuff that was supposed to be first class out of the box can't be beat with a chicken wonderful

stuff kits. Some I got instructions for. Some I got a list of parts, a
schemo and a cheap Taiwanese good luck button. Heathkit, S&S, Dan's SP&K,
Kanga, OHR, SES, Ramsey, Ten Tec, a couple extra companies ain't around
no more, stuff like that. And we ain't even gonna count how many times I
plugged in a radio at the Drake factory line and discovered that
somebody'd left out Q1011 or something. Lotta parts.

So here's this long exchange about OHR and what appears to be a private
conversation suddenly made public. Man, it's like being at a staff
meeting when the local psychotic engineer starts yammering about why he
ain't in charge and everyone sinks down in their seats in case he decides
to start putting gummed 39c pictures of the flag on everyone's foreheads.
Me, I always feel embarrassed for the guy who can't realize how
embarrassing his yammering is.

So . . . let's be fair here. I built an HW101 that was missing a
capacitor what went in the PA cage. Bought a replacement locally. I built
a DX60B in Puerto Rico what was missing some doodad or other. Had to take
a publico to Mayaguez, where the driver helped me find a store, translate
what I couldn't describe even in my best Cuban accent. There was hole not
drilled and plated through on a kit that I bought off Dick & Kathy last
year at Dayton. Took me about 600 hours of fine tooth combing to figure
it out. Fixed it myself with a little piece of wire. The OHR counter that
I just built had all its parts. Go figure.

And the university spent a couple kilobucks on two of the last studio
cameras that Phillips (maybe, I can't remember) ever built and they
didn't work when we got 'em. After hours of frustration and cussin' and
testin' and slobberin' and droolin', we found that, on that last
particular day on that last particular camera, someone had QA'd the stuff
without turning it on. I mean, it wouldn't have worked. Three of the main
transistors on one of the amplifier boards were all put in backwards. And
a couple diodes too, I think.

So, now can we go back to friendly, reasoned discourse?

After all, the Pope went to Cuba.

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJD &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.fortunecity.com/victorian/mehetebell/94>

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 27 Jan 1998 20:57:27 +0000
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
To: qrp-1@Lehigh.EDU
Subject: [2104] Central States VHF Soc Proceedings on Internet?
Message-ID: <70XdvCA3okz0Ew3v@stevef.demon.co.uk>
MIME-Version: 1.0

I wonder if anyone knows if the Central States VHF Society Proceedings are on the Internet? I am interested in getting hold of the "LM2 Application Note" which was published in them in 1995. The kit instructions refer to said article so before I put Iron to Solder to components to board I would like to read it.

I am considering the construction of an LM2 for my R2T2 KK7B 6 Meter TCVR project this year. Any advice on a VFO which can cover from 50 to 52 MHz greatly received.

Thanks

--

Stephen John Farthing MBCS G0XAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

Date: Tue, 27 Jan 1998 16:50:03 EST
From: SABorns <SABorns@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [2105] Re: OHR Kits
Message-ID: <2249daf5.34ce568c@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Gang,

I've built a goodly number of OHR kits for my own use and currently have six in my shack. I've also built quite a number of them for local hams who have wanted them but didn't have the time or inclination to construct them. All together I

think I've built
about 15 of Dick's kits. I don't think I can recall ever having a missing part
although
I once had a defective IC and another time a defective inductor which Dick had
in the mail to me immediately.

Dick takes a great deal of pride in his product and in aiding the kit builder.
Let me cite one example. I constructed one of the first OHR-100's for
15meters. I encountered a problem during alignment. After discussing the
problem with Dick we concluded that some values in the tuned circuits were not
optimum. Dick asked me to send the kit to him to check out. Dick had the kit
back to me very quickly and even did an alignment no charge.

The components supplied in OHR kits have always been first rate. The
construction
manuals are also very well thought out. I have no reservations about
recomending
OHR kits to my QRP friends. I might also note that I have used my OHR-400 as
my principle Field Day rig for a number of years.

The usual disclaimers apply.

73, Steve K8IDN

an alignment gratus.

Date: Tue, 27 Jan 1998 22:02:46 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [2106] Elmer Thread.... Suggestion
Message-ID: <34CE5986.5C42@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This thread sure sounds like it is producing excellent
results.

In a previous post, the writer mentioned how he learned
better when he was enthusiastic about a subject -- hurling
himself headlong into research and practical experimentation.

I really enjoyed reading that post. I take this approach with
my children, hoping they will eventually self-motivate to
succeed. My parenting approach is to teach self motivation

rather that force-feed my desires onto them. It is slow,
but produces permanent results.

So, needless to say, I haven't purchased any training aids
etc. for them. Currently I drop off short papers on the
joy of homebrewing an antenna, or history of morse code etc.

Well, for Christmas, my mom got each of my older boys those
radio shack electronics kit. The simpler kit went to my 14
year old, my oldest getting the kit with little modules having
conductive springs on the exterior of each block.

What really impressed me about the little kits was the little
book of experiments. Each experiment had its own page and
a few paragraphs of "HOW" the circuit works. Later experiments
built on previous ones such that your mind gets a good workout
and the learning experience is memorable.

My 14 yr old finished all of his in a few days. He did have some
problem, and that's where my 'Elmering' came in. You see, he
thought the circuit wouldn't work. I proved it did, and my son
was even more enthusiastic afterward. If for nothing else,
knowing you have access to an Elmer, confidence builds and
keeps the fire lit.

My 16 yr. old has worked many circuits also. He's too proud
to ask me for help, having trained him to seek his own answers
up to a point. When he does ask, he positions himself to learn,
knowing he has applied due-dilligence within his current knowledge.

So I guess what I'm saying is:

- 1) Don't give up, try not to be discouraged.
- 2) Find someone you can count on to help.
- 3) Be worthy of that help by using what you
do know, and what you have learned.

Geez, now I need hip waders when I talk to myself :^)

Later, qrp Friends,
-Ed

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Tue, 27 Jan 1998 15:36:24 -0700
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: we6w@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [2107] Re: Elmer Thread.... Suggestion
Message-ID: <3.0.2.32.19980127153624.0069dc28@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Like Ed, I've raised my children (now 34, 33 and 29) to be independent, think for themselves, and to question what's going on around them. Unfortunately, they've all turned out to be Republican! Hi, hi!

Tim K5OI

p.s. OQRP (obligatory QRP material) - I'm looking forward to the Elmering project. Been a ham for 44 years and have built lots of rigs. Maybe now I'll really understand what's going on. Just hope it doesn't take any of the magic away.

Date: Tue, 27 Jan 1998 16:10:06 -0600
From: John Sullivan <sullivjd@sound.net>
To: qrp-1@Lehigh.EDU
Subject: [2108] OHR Kits
Message-ID: <34CE5B3E.3C97@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OHR has been bery-bery good to me. Four kits. No missing parts. I lost some (or the cat made off with them) after opening the box. Dick sent replacements...free...air mail...asap.

4 kits...no missing parts...high quality stuff...outstanding customer service. Dick is my father, oh, no, that's someone else. No relation. Just a happy customer.

72 de kg0mz

Date: Tue, 27 Jan 1998 15:38:38 -0700
From: "Alyn Backe" <ve6bpr@cnnnet.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [2109] OHR 100 Kit
Message-ID: <22285734610370@cnnnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Just my 2 dits worth.

Several months ago, I purchased an OHR 100 for 20 meters. From the moment I opened the box, I was very impressed with the quality of the parts, packaging, and circuit board. I found it hard to believe such quality could be purchased for only \$99!! The kit went together without a snag. All parts were there, the manual was incredibly simple to follow, all parts were installed in the order suggested by the manual, diagrams were top notch. The rig fired up right off the bat. VFO is rock solid, and a pleasure to use. I did make one simple change, just due to preference, I swapped out the single turn 100 k pot with a 10 turn pot to spread out the stations a little more. I've enjoyed building and using this kit more than any other I've tried! I'm also looking forward to trying out one of the Emtech kits, and some of the other high quality kits available on the market. I highly recommend the OHR kits to everyone!

Best 72/73, AL, VE6BPR.....sk

Date: Tue, 27 Jan 1998 13:09:09 -0500
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@res.raytheon.com>
To: qrp-l@Lehigh.EDU
Subject: [2110] Re: OHR KIT
Message-ID: <85256599.0061CE31.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

I've always tried to ignore these threads about vendors but I must get my 2 cents.

Vendors like EMTECH, OHR, SWL, Wilderness, or any others on NORCAL or other web lists are our "hobby" friends as has been mentioned already. They have been around and want to stay around!

Lets work out "gripes" with the vendors directly. If you are S00000 bent

as to use qrp-l to VENT then
"us" readers should ignore you. WE should respond to posts for "help".
Readers should let the Vendor
defend himself. I have never been persuaded to NOT use a person/product
because of negative qrp-l traffic.
I have always based my most dependence on positive postings based on the
premise that as a
society we tend to criticize not praise.

Maybe some one on the list can volunteer as a VENDOR ARBITRATOR (??)
Someone to send e-mail
directly to in order to try to resolve issues without involving all of
qrp-l

Now if the vendor is "new" on the block with little or no qrp-l history,
MAYBE these discussions have some place!

RON - N1ZSW

Date: Tue, 27 Jan 1998 23:39:53 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [2111] More Bazooka Antenna Tests.
Message-ID: <34CE7049.410B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Spent another 4 hours on the air last night. I will be hunting
fox tonight, Bazooka aimed at NC!

Latest results:

18 Wheeler Truck triver in Texas, 5Watts/ his 50 Watts
"You are S9 + 10dB on peaks Ed!"

QRPP'er from Idaho (5Watts/ His 100 milliwatts)
Sent/Rcvd: 339/599

Many 5 watt both way QSO's as well. Including 2 qso's to
Calgary, Canada.

My QTH: Santa Rosa, CA.

Bazooka Antenna cut for 40 Meters (7040 KHz); 35 feet up, East/West beam.

BUT, to be objective, I bet a regular dipole of similar cross/sectional areas (Such as the driven shield of the coax), would be providing these same results.

The added bandwidth is easy on the tune-up and continues to be the primary reason for a Bazooka.

I hope this update is useful.

-Ed Loranger, WE6W

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Tue, 27 Jan 1998 16:41:19 -0700
From: "Alyn Backe" <ve6bpr@cnnnet.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [2112] Ten-Tec 1056 Direct Conversion Receiver
Message-ID: <23313828410714@cnnnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I assembled a ten-tec direct conversion receiver awhile back. The kit includes parts to build it up for any single band from 10 thru 160 meters. I decided to build mine up for the 80 meter band. After about a 5 or 10 minute warmup period the receiver appears to be very stable. I am considering rebuilding it for 30 meters. I wonder if anyone on the list has put this receiver on 30 meters. How's the drift on the 30 meter band after a bit of a warmup period?
72/73, AL, VE6BPR.....sk
ve6bpr@cnnnet.com

Date: Tue, 27 Jan 1998 18:58:44 -0500 (EST)
From: SSmith9831@aol.com
To: qrp-l@Lehigh.EDU, CQC@aol.com
Subject: [2113] Norcal Paddle

:
:

Piece A is cut from the 1/32" inch material (using an exacto knife) to the size & shape that you want for the finished finger piece with the grain running horizontal. (you can use the plexiglass blank from your paddle kit as a template if you wish). Do not drill the hole at this time.

Piece B is cut from 3/16" thick material using a fine toothed saw or razor saw, 1/2" wide and as long as Piece A is high. I used cherry for this piece to contrast with the walnut of piece A. The purpose of this piece is to match the original thickness of the plexiglass finger piece when glued to Piece A. Sand the back edge of this piece to a 45 degree angle but leave enough flat area for the head of the screw to bear on (or you can omit the bevel all together if you so choose).

Glue Piece B to piece A using super glue or any wood glue, keeping the right edges flush and square. When the glue dries sand the right edge with fine sandpaper truing up the edge. Fit the assembly on the paddle arm and mark the location of the mounting hole. Remove the piece from the arm and drill. I drilled the hole slightly undersize and then used a jewlers file to enlarge it and align the hole exactly to the hole in the paddle arm as required for a snug fit up.

Mount the assembly on the arm using the screw and cut out Piece C. Piece C can be made from just about any thickness of wood or made up of multiple laminations of the the 1/32" sheet used for Piece A. I used the 3/16" cherry which was used for Piece B. Cut the Bottom notch with the razor saw making sure it is square and sand smooth. The top of this notch will ride on the top of the paddle arm. The outline of Piece C is not critical but should be larger than the size of Piece A.

With Piece A attached to the paddle arm super glue Piece C to the back (inside face) of Piece A ensuring that the notch is snug against the end and top face of the paddle arm. Dont worry, the superglue wont stick to the polished brass. When the glue dries remove the finished finger

piece from the arm and trim peice C to the finshed
outline of Piece A using the razor saw or sanding.
I beveled the top edge of Piece B to give a
sleeker look. Do a final fine sanding and finish
the wood as desired. I rubbed linseed oil on mine.

The entire project only took an hour or so of work
and results in a much more comfortable
paddle spacing.

73

Steve
KB0SZF

End of QRP-L Digest 983

